AASP African American Studies Winter 2014

AASP100 **Introduction to African American Studies**

AASP100 Introduction to African American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Significant aspects of the history of African Americans with particular emphasis on the evolution and development of black communities from slavery to the present. Interdisciplinary introduction to social, political, legal and economic roots of contemporary problems faced by blacks in the United States with applications to the lives of other racial and ethnic minorities in the Americas and in other societies.

0101	Jason Nichols	Seats (Total: 30)
	MTuWThF 12:00pm - 3:00pm	LEF 2208

AASP202 **Black Culture in the United States**

AASP202 Black Culture in the United States; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
The course examines important aspects of African American life and thought which are reflected in African American literature, drama, music and art. Beginning with the cultural heritage of slavery, the course surveys the changing modes of black creative expression from the 19th-century to the present.

WB11	Robert Choflet	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AASP498I **Special Topics in Black Culture; Women and the Civil Rights Movement**

AASP498I Special Topics in Black Culture: Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as HIST360 and WMST498M. Credit will be granted for one of the following: AASP498I, HIST360 or WMST498M.

WB11	Elsa Barkley Brown	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

AASP498R **Special Topics in Black Culture; Race and Sports**

AASP498R Special Topics in Black Culture: Race and Sports; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Jonathan England	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

AASP499D **Advanced Topics in Public Policy and the Black Community; Drawing the Colorline: Chocolate City and the Media**

AASP499D Advanced Topics in Public Policy and the Black Community: Drawing the Colorline: Chocolate City and the Media; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Jonathan England	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

AAST Asian American Studies Winter 2014

AAST498P **Advanced Topics in Asian American Studies; Transnational Cinema: Ang Lee**

AAST498P Advanced Topics in Asian American Studies: Transnational Cinema: Ang Lee; (3 credits) Grade Method: REG/P-F/AUD.
Learn how the Chinese-American film director, who lives and works in the U.S., has been able to explore important issues of culture, gender, race, identity and values across borders and in a transnational cultural arena.

0101	Jason Kuo	Seats (Total: 20)
	MTuWThF 12:00pm - 3:00pm	HBK 0302H

AMSC Applied Mathematics & Scientific Computation Winter 2014

AMSC698A **Advanced Topics in Applied Mathematics**

AMSC698A Advanced Topics in Applied Mathematics; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC762 **Data Analysis Project**

AMSC762 Data Analysis Project; (1 credit) Grade Method: REG.
This course cannot be used to meet any of the Applied Statistics Area's seminar requirements. Offered yearly, required of and limited to MS non-thesis and doctoral students in Applied Statistics Area, for whom the resulting projects serve as a Qualifying Exam component. After 5-6 lectures or presentations on components of successful data analyses and write-ups, 3-4 sessions will discuss previous student project submissions. The culminating project, to be completed in a two week period between semesters, is an analysis and written report of one of three project choices made available each year to represent a spectrum of realistic applied statistical problems.

0101	Konstantina Trivisa	Seats (Total: 10)
	Contact instructor or department for details.	

AMSC899 **Doctoral Dissertation Research**

AMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST American Studies Winter 2014

AMST101 **Introduction American Studies**

AMST101 Introduction American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. *Credit only granted for: AMST101 or AMST201. Formerly: AMST201.* Introduces students to the interdisciplinary field of American Studies by examining concepts such as culture, identity, cultural practices, and globalization, as well as theories underlying these concepts. Engages key themes, especially constructions of difference and identity, cultures of everyday life, and America and the world.

WB11	Patricia Akinbola	Seats (Total: 33)
	Class time/details on ELMs	ONLINE

AMST203 **Popular Culture in America**

Click here for descriptions of all AMST winter courses.
AMST203 Popular Culture in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society. An introduction to American popular culture, its historical development, and its role as a reflection of and influence onour culture and society. We will also examine historical and contemporary celebrity culture from various critical theoretical perspectives.

WB11	Terrance Wooten	Seats (Total: 33)
	Class time/details on ELMs	ONLINE

AMST205 **Material Aspects of American Life**

AMST205 Material Aspects of American Life; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
Historical survey of American material culture. Ways of describing and interpreting accumulated material evidence (e.g., buildings, town plans) introduced by stressing relationship between artifact and culture.

WB11	Izetta Mobley	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AMST328B **Perspectives on Identity and Culture; Internet and Social Media Cultures: Exploring Race, Class, Gender, and Sexuality**

AMST328B Perspectives on Identity and Culture: Internet and Social Media Cultures: Exploring Race, Class, Gender, and Sexuality; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Paul Saiedi	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AMST328R **Perspectives on Identity and Culture; From Ricky Ricardo to Jennifer Lopez: Exploring Latina/o Gender & Sexuality in Popular Culture**

AMST328R Perspectives on Identity and Culture: From Ricky Ricardo to Jennifer Lopez: Exploring Latina/o Gender & Sexuality in Popular Culture; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as USLT498L

WB11	Cristina Perez	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

ANSC Animal Science Winter 2014

ANSC386 **Experiential Learning**

ANSC386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F.
Prerequisite: Permission of AGNR-Animal & Avian Sciences department. Restriction: Junior standing or higher.

0101	Amy Burk	Seats (Total: 10)
	Contact instructor or department for details.	
0118	Christine Hakenkamp	Seats (Total: 10)
	Contact instructor or department for details.	

ANSC399 **Special Problems in Animal Science**

ANSC399 Special Problems in Animal Science; (1-2 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANSC497 **Animal Biotechnology Recombinant DNA Laboratory**

ANSC497 *(PermReq)* **Animal Biotechnology Recombinant DNA Laboratory; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ANSC327; or students who have taken courses with comparable content may contact the department. Recommended: ANSC437 and ANSC435. An advanced course offering hands-on experience in performing recombinant DNA experiments. Current molecular biology techniques used for cloning genes, analyzing the gene products, and modifying the genes of animals will be performed. Techniques include isolation of DNA, use of restriction enzymes; cloning procedures, PCR analysis, and Southern hybridizations. Lecture material focuses on interpretation of results generated in the laboratory.

0101	Lisa Taneyhill	Seats (Total: 10)
	MTuWThF 9:00am - 5:00pm	ANS 1150

ANSC688G **Special Topics; Animal Biotechnology Recombinant DNA Laboratory**

ANSC688G *(PermReq)* **Special Topics: Animal Biotechnology Recombinant DNA Laboratory; (3 credits)** Grade Method: REG/AUD.

0101	Lisa Taneyhill	Seats (Total: 10)
	MTuWThF 9:00am - 5:00pm	ANS 1150

ANSC899 **Doctoral Dissertation Research**

ANSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH Anthropology Winter 2014

ANTH220 **Introduction to Biological Anthropology**

ANTH220 Introduction to Biological Anthropology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Natural Science Lab; Diversity - Understanding Plural Societies.
Human biological evolution, including the biology of contemporary human groups, non-human primate social behavior, and the fossil, biochemical, and molecular evidence for human evolution. Includes a laboratory study of human population genetics, biochemical variation, and anatomical diversity in modern and fossil human and non-human primate groups.

HY11	Susan Steen	Seats (Total: 20)	
	ThF 12:00pm - 3:30pm	WDS 1114	
	Class time/details on ELMs	ONLINE	
	TuWThF 9:00am - 11:30am	WDS 0124C	Lab

ANTH260 **Introduction to Sociocultural Anthropology and Linguistics**

ANTH260 Introduction to Sociocultural Anthropology and Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Culture and social relationships in a wide variety of settings from small-scale to complex societies. An overview of how anthropology analyzes human behavior. Particular attention to the relationship between language and culture.

WB11	Michael Buonanno	Seats (Total: 25)	
	Class time/details on ELMs	ONLINE	

ANTH263 **Sexuality and Culture**

ANTH263 Sexuality and Culture; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Credit only granted for: ANTH298K or ANTH263. Formerly: ANTH298K. An overview of sexuality from an anthropological perspective, looking at aspects of sexuality within our own culture and in cultures around the world. Course topics include the biology and culture of sex, gender, physical attraction, sexual orientation, marriage and mating taboos, fertility control, sexually transmitted diseases, and commercial aspects of sex.

WB11	Elijah Edelman	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ANTH448D **Special Topics in Archaeology; GIS for Anthropologists**

ANTH448D Special Topics in Archaeology: GIS for Anthropologists; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

WB11	Adrienne Allegretti	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

ANTH448J **Special Topics in Archaeology; Frederick Douglass and the Landscapes of Slavery**

ANTH448J Special Topics in Archaeology: Frederick Douglass and the Landscapes of Slavery; (3 credits) Grade Method: REG/P-F/AUD.
Class meets on the following dates: January 3, 6, 13, 14, 15, 16, 17, 21 and 22.

HY11	Mark Leone	Seats (Total: 5)
	Meets January 3, 2014 - January 22, 2014	
	MTuWThF 10:00am - 1:00pm	WDS 1131
	Class time/details on ELMs	ONLINE

ANTH689A **Special Problems in Anthropology**

ANTH689A Special Problems in Anthropology; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH689D **Special Problems in Anthropology; GIS for Anthropologists**

ANTH689D Special Problems in Anthropology: GIS for Anthropologists; (3 credits) Grade Method: REG/S-F.
Click here for more course information.

WB11	Adrienne Allegretti	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

ANTH689J **Special Problems in Anthropology; Frederick Douglass and the Landscapes of Slavery**

ANTH689J Special Problems in Anthropology: Frederick Douglass and the Landscapes of Slavery; (3 credits) Grade Method: REG/S-F.
Class meets January 3, 6, 13, 14, 15, 16, 17, 21, and 22.

HY11	Mark Leone	Seats (Total: 10)
	MTuWThF 10:00am - 1:00pm Class time/details on ELMs	WDS 1102 ONLINE

ANTH788 **Internship Research**

ANTH788 *(PermReq)* **Internship Research; (1-3 credits)** Grade Method: REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARAB Arabic Winter 2014

ARAB341 **Filming War Zones: Representations of Wars in Iraq & Chechnya**

ARAB341 Filming War Zones: Representations of Wars in Iraq & Chechnya; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as: FILM341. Credit only granted for: ARAB341 or FILM341. Investigation of how diverse political, cultural and religious agendas of the late 20th through early 21st centuries construct a wide variety of war fictions, or ideologically informed war narratives.

WB11	Valerie Anishchenkova	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

ARHU Arts and Humanities Winter 2014

ARHU338 **Undergraduate Teaching Assistantship in the Writers' House**

ARHU338 *(PermReq)* **Undergraduate Teaching Assistantship in the Writers' House; (3 credits)** Grade Method: REG/P-F/AUD.
Contact Instructor or department for details.

0101	Zahara Heckscher	Seats (Total: 2)
	Contact instructor or department for details.	

ARHU369C **Special Topics in Study Abroad III; Chilean Literature, Democracy, and Social Change**
Contact department for information to register for this course.

ARHU498P **Special Topics in Arts and Humanities; Inventing and Designing a "Poetry Game"**

ARHU498P Special Topics in Arts and Humanities: Inventing and Designing a "Poetry Game"; (3 credits) Grade Method: REG/P-F/AUD.

0101	Zahara Heckscher	Seats (Total: 20)
	MTuWThF 1:00pm - 4:00pm	DOR 0128

ARHU788A **Profession Development Seminar; Learning Outcomes Assessment**

ARHU788A Profession Development Seminar: Learning Outcomes Assessment; (1 credit) Grade Method: REG/AUD.
Class meets 01/06/14 and 01/13/14.

0101	Laura Rosenthal	Seats (Total: 15)
	F 8:30am - 5:00pm	TWS 3134

ARTH Art History & Archaeology Winter 2014

ARTH359T **Film as Art; James Bond Film: The Ideology of Spectacle**

ARTH359T Film as Art: James Bond Film: The Ideology of Spectacle; (3 credits) Grade Method: REG/P-F/AUD.

0101	Greg Metcalf	Seats (Total: 30)
	MTuWTh 6:00pm - 9:30pm	SQH 1120

ARTH389Y **Special Topics in Art History and Archaeology; Baroque Rome: Art, Architecture and Urban Splendor in the Eternal City, 1600-1700**
Contact department for information to register for this course.

ARTT Art Studio Winter 2014

ARTT110 **Elements of Drawing I**

ARTT110 Elements of Drawing I; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Fundamental concepts, media, and processes of drawing. Emphasis on observation and representation in combination with individual expression. Subject matter includes still life, human figure, nature, the built environment, and conceptual projects. Students must pay a $40.00 studio lab fee.

0101	Dawn Gavin	Seats (Total: 18)
	MTuWThF 9:00am - 2:00pm	ASY 2317

ARTT150 **Introduction to Art Theory**

ARTT150 Introduction to Art Theory; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
Fundamental concepts of global, philosophic, and critical art theory examined through various historic and contemporary texts, and the analysis of works of art. Field trips listed in syllabus.

0101	Richard Klank	Seats (Total: 15)
	MTuWThF 9:00am - 12:00pm	ASY 2309

ARTT210 **Elements of Drawing II**

ARTT210 Elements of Drawing II; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ARTT110.* Continuation of ARTT110 with additional emphasis on color, figure drawing, and contemporary issues. Students must pay a $40.00 studio lab fee.

0101	Dawn Gavin	Seats (Total: 10)
	MTuWThF 9:00am - 2:00pm	ASY 2317

ARTT255 **Introduction to Digital Art and Design Processes**

ARTT255 Introduction to Digital Art and Design Processes; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT100 and ARTT110. Credit only granted for: ARTT255 or ARTT354. Formerly: ARTT354. Introduction to basic software and principles of digital imaging, and how they are applied to art and design. Topics covered: Digital image construction and manipulation, Vector-Based digital techniques layout, typography, etc), time-based digital techniques (video and audio composition and manipulation), and basic interactivity (web-design). Digital media used to explore visual principles established in ARTT100. Students must pay a $40.00 laboratory studio fee.

0101	Narendra Ratnapala	Seats (Total: 11)	
	MTuWThF 9:00am - 2:00pm	ASY 3311E	

ARTT343 **Elements of Printmaking: Screen Printing**

ARTT343 Elements of Printmaking: Screen Printing; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Concepts and fundamental processes related to silkscreen printing. Students must pay a $40.00 studio lab fee.

0101	Robert Hackett	Seats (Total: 12)	
	MTuWThF 10:00am - 3:00pm	ASY 1317	Lab

ARTT418 **Advanced Drawing Studio; Advanced Drawing**

ARTT418 Advanced Drawing Studio: Advanced Drawing; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT210. Students must pay a $40.00 studio lab fee.

0101	Dawn Gavin	Seats (Total: 10)
	MTuWThF 9:00am - 2:00pm	ASY 2321

ARTT448E **Advanced Printmaking Studio**

ARTT448E Advanced Printmaking Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 studio lab fee.

0101	Robert Hackett	Seats (Total: 4)	
	MTuWThF 10:00am - 3:00pm	ASY 1317	Lab

ARTT468B **Seminar on the Interrelationship Between Art and Art Theory; Advanced Issues in Art Theory**

ARTT468B Seminar on the Interrelationship Between Art and Art Theory: Advanced Issues in Art Theory; (3 credits) Grade Method: REG/P-F/AUD.

0101	Richard Klank	Seats (Total: 5)
	MTuWThF 9:00am - 12:00pm	ASY 2309

ARTT479B **Advanced Digital Media Studio; Introduction to Digital Video Production**

ARTT479B Advanced Digital Media Studio: Introduction to Digital Video Production; (3 credits) Grade Method: REG/P-F/AUD.
Primary focus of this course is video production. Aesthetics, theory, and practical aspects will be examined in the context of short film/documentary production. Students must pay $40 lab fee.

0101	Narendra Ratnapala	Seats (Total: 3)
	MTuWThF 9:00am - 2:00pm	ASY 3311E

ARTT489N **Advanced Special Topics in Art; Design in Illustration**

ARTT489N Advanced Special Topics in Art: Design in Illustration; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 lab fee.

0101	James Thorpe	Seats (Total: 20)
	MTuWThF 10:00am - 3:00pm	ASY 2318

ARTT489V **Advanced Special Topics in Art; Body Ornamentation: Theory with Studio Component**

ARTT489V Advanced Special Topics in Art: Body Ornamentation: Theory with Studio Component; (3 credits) Grade Method: REG/P-F/AUD.

0101	Richard Klank	Seats (Total: 20)
	MTuWThF 12:30pm - 3:00pm	ASY 2309

ARTT498 **Directed Studies in Studio Art**

ARTT498 Directed Studies in Studio Art; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
There is a $40.00 studio lab fee for this course.

Contact department for information to register for this course.

ARTT498A **Directed Studies in Studio Art**

ARTT498A *(PermReq)* **Directed Studies in Studio Art; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
There is a $40.00 studio lab fee for this course.

Contact department for information to register for this course.

ARTT498B **Directed Studies in Studio Art**

ARTT498B *(PermReq)* **Directed Studies in Studio Art; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
There is a $40.00 studio lab fee for this course.

Contact department for information to register for this course.

ARTT648 **Printmaking**

ARTT648 Printmaking; (3 credits) Grade Method: REG/AUD.
There is a $60.00 studio lab fee for this course.

0101	Robert Hackett	Seats (Total: 10)	
	MTuWThF 10:00am - 3:00pm	ASY 1317	Lab

ARTT699A **Directed Graduate Studies in Studio Art**

ARTT699A Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD.

0105	Dawn Gavin	Seats (Total: 2)
	Contact instructor or department for details.	

ARTT798B **Directed Graduate Studies in Studio Art**

ARTT798B Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM Biochemistry Winter 2014

BCHM677 **Computational Tools in Biochemistry**

BCHM677 Computational Tools in Biochemistry; (1 credit) Grade Method: S-F. *Prerequisite: BCHM674 or BCHM671; or permission of instructor. Restriction: Must be in one of the following programs (Biochemistry (Master's); Biochemistry (Doctoral)) ; or permission of instructor.* A practical, hands-on introduction to the application of computational tools that support biochemistry research. Selected topics may include: efficient use of scientific literature databases and the preparation of professional bibliographies; proteomics and mass spectrometry; bioinformatics and genomics programs an database resources; molecular structure visualization and modeling; quatitative data fitting and error analysis; and laboratory research ethics. The course will meet on the follwing dates and times in CHM1224: 01/07 Tue 9am -12:50pm 01/10 Fri 9am -12:50pm 01/13 Mon 9am -12:50pm 01/15 Wed 9am -12:50pm 01/17 Fri 9am -12:50pm 01/21 Tue 9am -12:50pm 01/24 Fri 9am -12:50pm

0101	David Fushman	Seats (Total: 20)	
	Contact instructor or department for details.		

BIOE Bioengineering Winter 2014

BIOE460 **Biotechnology and Bioproduction**

BIOE460 Biotechnology and Bioproduction; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Junior standing or higher. Credit only granted for: BIOE460, BIOE468B, or ENES489Q. Formerly: BIOE468B. Basics of recombinant DNA technology and biopharmaceutical manufacturing.

0101	Ben Woodard	Seats (Total: 20)	
	MTuWThF 1:00pm - 2:50pm	KEB 1200	
	MTuWThF 3:00pm - 4:00pm	CHE 1203	Lab

BIOM Biometrics Winter 2014

BIOM301 **Introduction to Biometrics**

BIOM301 Introduction to Biometrics; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning.
Prerequisite: MATH113 or MATH115. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201.
Descriptive statistics, introduction to probability, sampling, confidence interval estimation, hypothesis testing, simple regression and correlation. Emphasis on simple applications of statistical techniques and interpretation of statistical results.

0101	Christine Hakenkamp MTuWThF 11:00am - 1:00pm MTuWThF 1:00pm - 2:00pm	Seats (Total: 28) CHM 1402 ANS 0473	 Discussion
0102	Christine Hakenkamp MTuWThF 11:00am - 1:00pm MTuWThF 10:00am - 11:00am	Seats (Total: 28) CHM 1402 ANS 0473	 Discussion
0103	Christine Hakenkamp MTuWThF 11:00am - 1:00pm MTuWThF 1:00pm - 2:00pm *Students must have their own laptops.*	Seats (Total: 20) CHM 1402 ANS 0408	 Discussion

BMGT Business and Management Winter 2014

BMGT220 **Principles of Accounting I**

BMGT220 Principles of Accounting I; (3 credits) Grade Method: REG.
Basic theory and techniques of contemporary financial accounting. Includes the accounting cycle and the preparation of financial statements for single owner and partnership forms of business organizations operating as service companies or merchandisers.

0101	Progyan Basu TuWThF 1:30pm - 4:40pm	Seats (Total: 45) VMH 1333

BMGT221 **Principles of Accounting II**

BMGT221 Principles of Accounting II; (3 credits) Grade Method: REG. *Prerequisite: BMGT220.* Basic theory and techniques of accounting for managerial decision making. Involves the introduction of the corporation and manufacturing operations. Includes cost-volume-profit analysis and capital budgeting. Introduces the topics of income taxation and international accounting.

0101	Gary Bulmash	Seats (Total: 45)
	TuWThF 10:00am - 1:10pm	VMH 1335

BMGT230 **Business Statistics**

BMGT230 Business Statistics; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Analytic Reasoning.
Prerequisite: MATH113 or MATH115; or must have math eligibility of MATH220 or higher. Restriction: Must not have completed ENCE302, ENME392, STAT400, BMGT231, or ENEE324. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200 or SOCY201. Introductory course in probabilistic and statistical concepts including descriptive statistics, set-theoretic development of probability, the properties of discrete and continuous random variables, sampling theory, estimation, hypothesis testing, regression and decision theory and the application of these concepts to problem solving in business and the application of these concepts to problem solving in business and management.

0101	He Chen	Seats (Total: 35)
	TuWThF 10:00am - 1:10pm	VMH 1336
	Click here for the syllabus.	

BMGT364 **Managing People and Organizations**

BMGT364 Managing People and Organizations; (3 credits) Grade Method: REG. An introduction to selected aspects of human behavior in organizations generally known as organizational behavior (OB). This course is designed to help students develop systematic and fundamental understanding of people and their behaviors in organizations, as well as useful abilities and skills required to effectively and ethically manage various individual, interpersonal, group, and organization-level processes.

0101	Judith Gebhardt	Seats (Total: 40)
	TuWThF 10:00am - 1:10pm	VMH 1303

BMGT380 **Business Law I**

BMGT380 Business Law I; (3 credits) Grade Method: REG.
Legal aspects of business relationships. Examination of torts and business crimes, contracts and agency. The law of personal property and bailment relationships. Survey of public policy issues.

0101	William McClenahan	Seats (Total: 40)
	MTuWThF 10:00am - 12:45pm	VMH 1333

BMGT398B **Individual Study in Business and Management; Germany in the New Europe: Politics, Business, and Culture**
Contact department for information to register for this course.

BMGT428D **Special Topics in Accounting; Doing Business in England, Italy and N.Y.C: Accountings Future, Present and Past**
Contact department for information to register for this course.

BMGT438Q **Special Topics in Operations Management; Doing Business in China**
Contact department for information to register for this course.

BMGT448N **Special Topics in Finance; Doing Business in Nicaragua: Microfinance and Social Value Creation**
Contact department for information to register for this course.

BMGT469C **Management and Organization Short-term Study Abroad; The Global Business of Philanthropy_Thailand**
Contact department for information to register for this course.

BMGT469M **Management and Organization Short-term Study Abroad; Doing Business in Singapore and Malaysia**
Contact department for information to register for this course.

BMGT469T **Management and Organization Short-term Study Abroad; Doing Business in Thailand: Social Value Creation and Entrepreneurship**
Contact department for information to register for this course.

BMGT498E **Special Topics in Business and Management; Business of British Design and Culture**
Contact department for information to register for this course.

BMGT828 **Independent Study in Business and Management**

BMGT828 Independent Study in Business and Management; (1-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT898 **Pre-Candidacy Research**

BMGT898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT899 **Doctoral Dissertation Research**

BMGT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI Biological Sciences Program Winter 2014

BSCI222 **Principles of Genetics**

BSCI222 Principles of Genetics; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: CHEM131, CHEM132, BSCI106, and BSCI105. Or BSCI105; and must have completed two semesters of chemistry.* Principles and mechanisms of heredity and gene expression. Considers plant, animal, and microbial organisms.

HY11	Tammatha O'Brien	Seats (Total: 66)	
	MTuWThF 9:00am - 12:30pm	MCB 1207	
	Class time/details on ELMs	ONLINE	Discussion

BSCI338Z **Special Topics in Biology; Field Research**

BSCI338Z Special Topics in Biology: Field Research; (1-3 credits) Grade Method: REG/P-F/AUD.

SG91	Beth Parent	Seats (Total: 5)
	Contact instructor or department for details.	

BSCI339M **Selected Topics in Biology; Mayan Culture and the Interface Between Tropical Rainforests and Coral Reefs**

Contact department for information to register for this course.

BSCI342 **Biology of Reproduction**

BSCI342 Biology of Reproduction; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI105; or permission of CMNS-Biological Sciences UG Program. Also offered as: WMST326. Credit only granted for: BSCI342 or WMST326.* The biology of the reproductive system with emphasis on mammals and, in particular, on human reproduction. Hormone actions, sperm production, ovulation, sexual differentiation, sexual behavior, contraception, pregnancy, lactation, maternal behavior, and menopause.

0101	Justicia Opoku-Edusei	Seats (Total: 75)
	MTuWThF 10:00am - 1:00pm	BPS 1243

BSCI348R **Special Topics in Cell Biology and Molecular Genetics; Microbiology Internship**

BSCI348R *(PermReq)* **Special Topics in Cell Biology and Molecular Genetics: Microbiology Internship; (1-4 credits)** Grade Method: REG/P-F/AUD. (Sponsoring Dept.: CBMG). An opportunity for students interested in microbiology to pursue a research project in an off-campus lab. The student must see the instructor and complete an information sheet found on the web site, prior to enrolling in the course. Web site: http://www.life.umd.edu/CBMG/progrms/department/micb388r.html

I101	David Straney	Seats (Total: 5)
	Contact instructor or department for details.	

BSCI379G **Cell Biology and Molecular Genetics Department Research; Research in Cell Biology and Molecular Genetics**

Contact department for information to register for this course.

BSCI399 **Biology Department Research**

BSCI399 *(PermReq)* **Biology Department Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI425 **Epidemiology and Public Health**

BSCI425 Epidemiology and Public Health; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI223. History, characteristic features of epidemiology; the important responsibilities of public health; vital statistics.

WB11	Jeffrey Olimpo	Seats (Total: 27)
	Class time/details on ELMs	ONLINE

BSCI493 **Medicinal and Poisonous Plants**

BSCI493 Medicinal and Poisonous Plants; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI105; and must have completed CHEM233. Or 4 credits in BSCI courses. A study of plants important to humans that have medicinal or poisonous properties. Emphasis on plant source, plant description, the active agent and its beneficial or detrimental physiological action and effects.

0101	George Bean	Seats (Total: 25)
	MTuWThF 9:30am - 12:30pm	HJP 1216

BSST Terrorism Studies Winter 2014

BSST338C **Special Topics in Terrorism Studies; Australian and Pacific Rim Perspectives on Terrorism and Counterterrorism**
Contact department for information to register for this course.

BSST633 **Research Methods in Terrorism and Counterterrorism**

BSST633 *(PermReq)* **Research Methods in Terrorism and Counterterrorism; (3 credits)** Grade Method: REG.
Credit only granted for: BSOS633 or BSST633. Formerly: BSOS633. Provides students with the opportunity to conduct original research, while exposing them to analytical tools relevant to the study of terrorism. Students will work with a range of data sources on domestic and international terrorism, and will be tasked with using data to test hypotheses related to the causes, behaviors, and/ or impacts of terrorism.

ST01	Nathan Meehan **Meets December 1, 2013 - February 21, 2014** Tu 6:30pm - 9:30pm	Seats (Total: 40) ONLINE

BSST638C **Special Topics in Terrorism Studies; Australian and Pacific Rim Perspectives on Terrorism and Counterterrorism**
Contact department for information to register for this course.

BUFN Finance Winter 2014

BUFN754 **Corporate Risk Management**

BUFN754 Corporate Risk Management; (2 credits) Grade Method: REG. *Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)).* Surveys the theory and practice of financial risk identification, measurement, and mitigation at financial and non-financial firms. Topics will include hedging with options and futures, interest rate risk management, Value-at-Risk (VaR), Cashflow-at-Risk (CaR), Earnings-at-Risk (EaR), credit risk, equity risk, commodities risk, exchange rate risk, and lessons from risk management disasters. Meets 1/4, 1/5, 1/11, 1/12.

GS01	Ceyed Baiju **Meets January 4, 2014 - January 12, 2014** SaSu 9:00am - 4:15pm *Meets 1/4, 1/5, 1/11, 1/12.*	Seats (Total: 40) BLD2 1022

BUFN762 **Fixed Income Analysis**

BUFN762 Fixed Income Analysis; (2 credits) Grade Method: REG. *Prerequisite: BUFN740. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN731 or BUFN762. Formerly: BUFN731.* Describes important financial instruments which have market values that are sensitive to interest rate movements. Develops tools to analyze interest rate sensitivity and value fixed income securities. Defines and explains the vocabulary of the bond management business.

BA01	Mark Taranto	Seats (Total: 40)
	Meets January 4, 2014 - January 15, 2014	
	MW 6:25pm - 10:00pm	BA 102
	Sa 12:00pm - 5:30pm	BA 102
	Meets 1/4, 1/6, 1/8, 1/11, 1/13, 1/15.	

BUFN770 **International Investment**

BUFN770 International Investment; (2 credits) Grade Method: REG. *Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN724 or (BUFN770 and BUFN771). Formerly: BUFN724.* Addresses international stock markets, portfolio theory, international interest rates, exchange rates and exchange rate derivatives (options, forwards, and futures), exchange rate swaps and exchange rate exposure (operating, translation, and transaction), foreign investment strategey.

DC01	Gurdip Bakshi	Seats (Total: 40)
	Meets January 13, 2014 - January 19, 2014	
	MTuFSaSu 10:30am - 4:50pm	DC C1
	Meets 1/13, 1/14, 1/17, 1/18, 1/19.	

BUMK Marketing Winter 2014

BUMK731 **Business-to-Business Marketing**

BUMK731 Business-to-Business Marketing; (2 credits) Grade Method: REG. *Prerequisite: BUSI650.* Focus is large fraction of marketing activity directed at organizational customers (businesses, non-profits and government). Marketing strategies, tactics and analytical tools most relevant when marketing to organizational customers are covered. Readings, cases and term paper contribute to understanding how to build long term buyer/seller relationships. Course is appropriate for anyone interested in understanding relationships between organizations, including vertical strategic alliances.

DC01	Elizabeth Sara **Meets January 6, 2014 - January 15, 2014** MTuWTh 6:35pm - 10:00pm *Meets 1/6, 1/7, 1/8, 1/9, 1/13, 1/14, 1/15.*	Seats (Total: 40) DC C5

BUMK758C **Special Topics in Marketing**

BUMK758C Special Topics in Marketing; (1 credit) Grade Method: REG.

BA01	Kenneth White **Meets January 2, 2014 - January 8, 2014** MTuWTh 6:30pm - 9:40pm *Meets 1/2, 1/6, 1/7, 1/8.*	Seats (Total: 25) BA 101
DC01	Kenneth White **Meets January 9, 2014 - January 15, 2014** MTuWTh 6:30pm - 9:40pm *Meets 1/9, 1/13, 1/14, 1/15.*	Seats (Total: 25) DC C4

BUMK758G **Special Topics in Marketing; Business Communication**

BUMK758G Special Topics in Marketing: Business Communication; (2 credits) Grade Method: REG.

GS51	Wendy Moe **Meets January 6, 2014 - January 16, 2014** MTuW 12:30pm - 4:40pm *Course meets on 1/6, 1/7, 1/8, 1/13, 1/14, 1/15.*	Seats (Total: 40) BLD2 2032

BUMK758I **Special Topics in Marketing; Innovation and Marketing**

BUMK758I Special Topics in Marketing: Innovation and Marketing; (2 credits) Grade Method: REG.

Click here for more course information.

GS01	Gaurav Bhalla	Seats (Total: 40)
	Meets January 4, 2014 - January 12, 2014	
	SaSu 9:00am - 4:15pm	BLD2 3032
	Meets 1/4, 1/5, 1/11, 1/12.	

BUMK759 **Independent Study in Marketing**

BUMK759 *(PermReq)* **Independent Study in Marketing; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMO Management and Organization Winter 2014

BUMO714 **Competitive and Collaborative Negotiation**

BUMO714 Competitive and Collaborative Negotiation; (2 credits) Grade Method: REG.
Corequisite: BUMO715. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUMO714 or BMGT764. Formerly: BMGT764. Increase negotiating self-confidence and improve capacity to achieve win-win solutions to organizational problems. Improve effectiveness at finding creative solutions to conflict.

DC01	Gosia Langa	Seats (Total: 40)
	Meets January 4, 2014 - January 18, 2014	
	TuTh 6:30pm - 10:00pm	DC C3
	Sa 8:30am - 1:30pm	DC C3
	Meets 1/4, 1/7, 1/9, 1/11, 1/14, 1/18.	

BUMO753 **Emerging Business Formation**

BUMO753 Emerging Business Formation; (2 credits) Grade Method: REG.
Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Business formation issues, legal obligations that affect entrepreneurial activities, the spectrum of financing methods available to emerging businesses, creating management and organization and a practical application of the tools through practical projects.

DC01	Jonathan Aberman	Seats (Total: 40)
	Meets January 6, 2014 - January 15, 2014	
	MW 6:30pm - 10:00pm	DC C2
	Sa 9:00am - 3:30pm	DC C2
	Meets 1/6, 1/8, 1/11, 1/13, 1/15, 1/18.	

BUMO758C **Special Topics in Management and Organization; International Entrepreneurship**

BUMO758C Special Topics in Management and Organization: International Entrepreneurship; (2 credits) Grade Method: REG.

BA01	James Sanders	Seats (Total: 40)
	Meets January 4, 2014 - January 18, 2014	
	SaSu 9:00am - 4:15pm	BA 103
	Meets 1/4,1/5, 1/11, 1/18.	

BUMO759 **Independent Study in Management and Organization**

BUMO759 Independent Study in Management and Organization; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMO761 **Creativity for Business Leaders and Entrepreneurs**

BUMO761 Creativity for Business Leaders and Entrepreneurs; (2 credits) Grade Method: REG.
Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUSI661 or BUMO761. Formerly: BUSI661. Examines the concept of creativity as it applies in today's and tomorrow's complex business environment. An overview of the cognitive foundations of creativity, examines many of the preconceived notions about creativity in business and discusses multiple ways in which creativity can help business leaders and entrepreneurs to succeed. Topics include creativity techniques for groups and individuals, creativity as a foundation to recognize business opportunities and develop innovative products and services, selecting ideas and making them stick, mental and organizational obstacles to creativity as well as an overview of electronic tools to increase creative capability.

GS01	Oliver Schlake	Seats (Total: 40)
	Meets January 2, 2014 - January 14, 2014	
	TuTh 6:30pm - 10:00pm	BLD2 1032
	Sa 8:30am - 2:00pm	BLD2 1032
	Meets 1/2, 1/4, 1/7, 1/9, 1/11, 1/14.	

CBMG Cell Biology & Molecular Genetics Winter 2014

CBMG899 **Doctoral Dissertation Research**

CBMG899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0155	Volker Briken	Seats (Total: 1)
	Contact instructor or department for details.	
2100	Jeffrey DeStefano	Seats (Total: 5)
	Contact instructor or department for details.	

CCJS Criminology and Criminal Justice Winter 2014

CCJS300 **Criminological and Criminal Justice Research Methods**

CCJS300 *(PermReq)* **Criminological and Criminal Justice Research Methods; (3 credits)** Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Prerequisite: CCJS100 and CCJS105; and (PSYC200, CCJS200, ECON321, BMGT230, or SOCY201). Introduction to the formulation of research questions covering crime and justice, research designs, data collection, and interpretation and reporting in criminological and justice-system settings. Prerequisites: CCJS100 and CCJS105 and one of the following: CCJS200 or SOCY201 or PSYC200 or ECON321 or BMGT320.

0101	Laure Brooks	Seats (Total: 18)
	MTuWTh 9:00am - 12:30pm	LEF 2166

CCJS352 **Drugs and Crime**

CCJS352 *(PermReq)* **Drugs and Crime; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100. An analysis of the role of criminal justice in the control of drug use and abuse. Restriction: Permission of BSOS-Criminology & Criminal Justice department

0101	Alan Lehman	Seats (Total: 40)
	MTuWTh 1:00pm - 4:30pm	TYD 2110

CCJS359 **Field Training in Criminology and Corrections**

CCJS359 *(PermReq)* **Field Training in Criminology and Corrections; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisites: (CCJS 105 or CRIM 220) and (CCJS 350 or CRIM 450), majors only and permission of department.

Contact department for information to register for this course.

CCJS370 **Race, Crime and Criminal Justice**

CCJS370 *(PermReq)* **Race, Crime and Criminal Justice; (3 credits)** Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Diversity - Understanding Plural Societies.
Prerequisite: CCJS100; or students who have taken courses with comparable content may contact the department. Role and treatment of racial/ethnic minorities in the criminal justice system. Course will provide students with historical and theoretical framework for understanding this dynamic. Restriction: Permission of BSOS-Criminology & Criminal Justice departmen t.

WB11	Christine Roberts White	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

CCJS398 **Law Enforcement Field Training**

CCJS398 *(PermReq)* **Law Enforcement Field Training; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: junior standing. Majors only.

Contact department for information to register for this course.

CCJS451 **Crime and Delinquency Prevention**

CCJS451 *(PermReq)* **Crime and Delinquency Prevention; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS300. And CCJS350 or CCJS105; or permission of BSOS-Criminology & Criminal Justice department. Methods and programs in prevention of crime and delinquency.

0101	Kathryn Zafft	Seats (Total: 40)
	MTuWTh 9:00am - 12:30pm	TYD 2110

CCJS600 **Criminal Justice**
Contact department for information to register for this course.

CCJS651 **Seminar in Criminology**

CCJS651 Seminar in Criminology; (3 credits) Grade Method: REG/AUD.
Formerly: CRIM651. Analysis of significant recent issues in Criminology.

CH01	Sally Simpson	Seats (Total: 32)
	Contact instructor or department for details.	

CCJS678B **Advanced Topics in Criminology and Criminal Justice; International Economics**
Contact department for information to register for this course.

CCJS680 **Drugs and Crime**
Contact department for information to register for this course.

CHEM Chemistry — Winter 2014

CHEM399A **Introduction to Chemical Research; Undergraduate Research**

CHEM399A Introduction to Chemical Research: Undergraduate Research; (1 credit) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM399B **Introduction to Chemical Research; Undergraduate Research**

CHEM399B Introduction to Chemical Research: Undergraduate Research; (2 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM611 **Professional Skills for New Graduate Students**

CHEM611 Professional Skills for New Graduate Students; (1 credit) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Must be in one of the following programs (Chemistry (Master's); Biochemistry (Master's); Biochemistry (Doctoral); Chemistry (Doctoral)) ; and must be a new graduate student. Covers a wide range of topics in professional development for new graduate students.

Contact department for information to register for this course.

CHEM612 **Scientific Presentations**

CHEM612 Scientific Presentations; (1 credit) Grade Method: S-F.
Prerequisite: CHEM611. Workshops will cover all aspects of giving scientific presentations. Each student will give a presentation based oon the topic of his/her final paper in CHEM611. Presentations will be critiqued by peers and faculty members.

0101	Jeffery Davis	Seats (Total: 40)
	MTuWThF 10:00am - 10:50am	CHM 1228

CHEM640 **Problems in Organic Reaction Mechanisms**

CHEM640 Problems in Organic Reaction Mechanisms; (1 credit) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
A tutorial type course dealing with the basic description of the fundamentals of writing organic reaction mechanisms.

Contact department for information to register for this course.

CHPH Chemical Physics Winter 2014

CHPH618A **Special Projects in Chemical Physics; Neutron Optics and Interferometry**

CHPH618A Special Projects in Chemical Physics: Neutron Optics and Interferometry; (1-3 credits) Grade Method: REG/AUD.

0148	Instructor: TBA	Seats (Total: 10)
	MW 12:00pm - 1:50pm	CHE 2337

CHPH899 **Doctoral Dissertation Research**

CHPH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLAS Classics Winter 2014

CLAS170 **Greek and Roman Mythology**

CLAS170 Greek and Roman Mythology; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
Also offered as: RELS170. Credit only granted for: CLAS170 or RELS170. Additional information: This course cannot be taken for language credit. An introduction to the mythology of ancient Greece and Rome. This course is particularly recommended for students planning to major in foreign languages, English, history, the fine arts, or journalism. Taught in English.

WB11	Gregory Staley	Seats (Total: 60)
	Class time/details on ELMs	ONLINE

CLFS Chemical and Life Sciences Winter 2014

CLFS608 **Seminar in Current Topics in Chemical and Life Science**

CLFS608 *(PermReq)* **Seminar in Current Topics in Chemical and Life Science; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact Dr. Brett Kent (bkent@umd.edu) to establish a mentor; and then contact the Office of Extended Studies (oes@umd.edu) to register for this class.

Contact department for information to register for this course.

CLFS608A **Seminar in Current Topics in Chemical and Life Science; Independent Research**

CLFS608A *(PermReq)* **Seminar in Current Topics in Chemical and Life Science: Independent Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact the Office of Extended Studies (oes@umd.edu) to register for this class.

Contact department for information to register for this course.

CLFS609B **Special Topics; The Biology of Reproduction**

CLFS609B Special Topics: The Biology of Reproduction; (3 credits) Grade Method: REG/AUD.

PL01	Janet Norcross, Bruce Cushing	Seats (Total: 30)
	Meets December 2, 2013 - February 21, 2014	
	Class time/details on ELMs	ONLINE

CLFS609C **Special Topics; Emerging Infectious Diseases**

CLFS609C Special Topics: Emerging Infectious Diseases; (3 credits) Grade Method: REG/AUD.

PL01	Robert Hall	Seats (Total: 25)
	Meets December 2, 2013 - February 21, 2014	
	Class time/details on ELMs	ONLINE

CLFS609F **Special Topics; Principles of Paleobiology**

CLFS609F Special Topics: Principles of Paleobiology; (3 credits) Grade Method: REG/AUD.

PL01	Bretton Kent	Seats (Total: 20)
	Meets December 2, 2013 - February 21, 2014	
	Class time/details on ELMs	ONLINE

CLFS619B **Special Topics in Chemistry; Environmental Chemistry**

CLFS619B Special Topics in Chemistry: Environmental Chemistry; (3 credits) Grade Method: REG/AUD.

PL01	Debra Boehmler	Seats (Total: 20)
	Meets December 2, 2013 - February 21, 2014	
	Class time/details on ELMs	ONLINE

CLFS630 **Principles of Transmission Genetics: A Historical and Modern Perspective**

CLFS630 Principles of Transmission Genetics: A Historical and Modern Perspective; (3 credits) Grade Method: REG/AUD.

Examines the origins of modern genetics, model genetic systems, and the role of chromosomes in vertical transmission of genetic information from parent to offspring. Classical gene mapping, population genetics and the various applications of modern genetics will also be studied.

PL01	Nancy Trun **Meets December 2, 2013 - February 21, 2014** Class time/details on ELMs	Seats (Total: 30) ONLINE

CLFS640 **Human Physiology**

CLFS640 Human Physiology; (3 credits) Grade Method: REG/AUD.
Prerequisite: Two years of teaching experience; and CLFS510. Restriction: Must be in Master of Chemical & Life Sciences (Master's) program; and permission of CMNS-Chemical & Life Sciences department. Examination of the major organ system of the human body and of the neural and hormonal mechanisms responsible for their regulation and control.

PL01	John Kapp, William Higgins **Meets December 3, 2013 - February 21, 2014** Class time/details on ELMs	Seats (Total: 20) ONLINE

CLFS660 **Biodiversity and Conservation Biology**

CLFS660 Biodiversity and Conservation Biology; (3 credits) Grade Method: REG/AUD.
Application of ecological and evolutionary principles to assess the impact of the human species on the environment and its inhabitants. Specific case studies are included to illustrate problems of bidiversityloss and actions required to reverse the trends.

PL01	Dale Bottrell **Meets December 2, 2013 - February 21, 2014** Class time/details on ELMs	Seats (Total: 24) ONLINE

CLFS725 **Experimental Design**

CLFS725 Experimental Design; (2 credits) Grade Method: REG/AUD.
Credit only granted for: LFSC710, LFSC719, or LFSC725. Formerly: LFSC719.
Experimental design and statistics for science teachers that emphasizes the underlying structure of data and how this affects the quality and reliability of experiments. Examines the nature of data, the methods for designing rigorous experiments, important experimental design formats, and the relationships between data structure and analysis. Course work focuses on the design and analysis of orginal experiments for a series of research problems.

PL01	Bretton Kent	Seats (Total: 30)
	Meets December 2, 2013 - February 21, 2014	
	Class time/details on ELMs	ONLINE

CMLT Comparative Literature Winter 2014

CMLT270 **Global Literature and Social Change**

CMLT270 Global Literature and Social Change; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. Comparative study of literature through selected literary works from several non-Western cultures, viewed cross-culturally in light of particular social, political, and economic perspectives.

WB11	Ellen Moll	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

CMLT498C **Selected Topics in Comparative Studies; Chile: Chilean Literature, Democracy and Social Change**
Contact department for information to register for this course.

CMSC Computer Science Winter 2014

CMSC389J **Special Topics in Computer Science; Introduction to Advanced Javascript**

CMSC389J Special Topics in Computer Science: Introduction to Advanced Javascript; (1 credit) Grade Method: REG/P-F/AUD.

0101	Nelson Padua-Perez	Seats (Total: 50)
	MTuWThF 9:30am - 10:30am	CSI 2117

CMSC389P **Special Topics in Computer Science; Introduction to PHP, MySQL, and Apache**

CMSC389P Special Topics in Computer Science: Introduction to PHP, MySQL, and Apache; (1 credit) Grade Method: REG/P-F/AUD.

0101	Nelson Padua-Perez	Seats (Total: 65)
	MTuWThF 11:30am - 12:30pm	CSI 2117

CMSC389T **Special Topics in Computer Science; Advanced Discrete Structures**

CMSC389T Special Topics in Computer Science: Advanced Discrete Structures; (1 credit) Grade Method: REG/P-F/AUD.

0101	William Gasarch	Seats (Total: 37)
	MTuWThF 1:00pm - 1:50pm	CSI 1122

CMSC798 **Graduate Seminar in Computer Science**

CMSC798 Graduate Seminar in Computer Science; (1 credit) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC898 **Pre-Candidacy Research**

CMSC898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC899 **Doctoral Dissertation Research**

CMSC899 Doctoral Dissertation Research; (1 credit) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM Communication Winter 2014

COMM107 **Oral Communication: Principles and Practices**

COMM107 Oral Communication: Principles and Practices; (3 credits) Grade Method: REG/P-F. GenEd: Fundamental Studies - Oral Communications.
Credit only granted for: COMM107, COMM200, ENES143, INAG110, JOUR130 or THET285. A study of and practice in oral communication, including principles of interviewing, group discussion, listening, informative briefings, and persuasive speeches.

0101	Ning Xie MTuWTh 9:00am - 12:30pm	Seats (Total: 19) SKN 1115
0102	Michael Steudeman MTuWTh 9:00am - 12:30pm	Seats (Total: 19) SKN 1112

COMM288 **Communication Internship**

COMM288 *(PermReq)* **Communication Internship; (1-6 credits)** Grade Method: REG/P-F/AUD.

I101	Julie Gowin Contact instructor or department for details.	Seats (Total: 10)

COMM330 **Argumentation and Public Policy**

COMM330 Argumentation and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Contemporary theories of argumentation with special emphasis on methods of formulating and critiquing public policy argument.

0101	Thomas McCloskey MTuWTh 1:00pm - 4:30pm	Seats (Total: 35) WDS 0104

COMM386 **Experiential Learning**

COMM386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. GenEd: Distributive Studies - Scholarship in Practice. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of ARHU-Communication department. Restriction: Junior standing or higher; and must be in Communication program. Supervised internship experience with communication professionals. Relation of academic training to professional experience. Hours are completed at internship site.

Contact department for information to register for this course.

COMM388 **Communication Practicum**

COMM388 *(PermReq)* **Communication Practicum; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM398A **Selected Topics in Communication; Visual Communication & Culture**

COMM398A Selected Topics in Communication: Visual Communication & Culture; (3 credits) Grade Method: REG.

0101	William Lawson	Seats (Total: 35)
	MTuWTh 5:00pm - 8:30pm	KEY 0126

COMM398M **Selected Topics in Communication; The "Dark Side" of Communication**

COMM398M Selected Topics in Communication: The "Dark Side" of Communication; (3 credits) Grade Method: REG.

0101	Amanda Irions	Seats (Total: 35)
	MTuWTh 5:00pm - 8:30pm	ASY 3203

COMM401 **Interpreting Strategic Discourse**

COMM401 Interpreting Strategic Discourse; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250. Restriction: Must be in Communication program. Principles and approaches for practical analysis of discourse designed to shape audience opinion.

0101	Jon Hoffman	Seats (Total: 35)
	MTuWTh 9:00am - 12:30pm	KEY 0102

COMM489 **Topical Research; Topical Research**

COMM489 Topical Research: Topical Research; (3 credits) Grade Method: REG/P-F/AUD.

0106	Leah Waks	Seats (Total: 5)
	Contact instructor or department for details.	

COMM798 **Independent Study**

COMM798 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM898 **Pre-Candidacy Research**

COMM898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM899 **Doctoral Dissertation Research**

COMM899 Doctoral Dissertation Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CONS Sustainable Development & Conservation Biology — Winter 2014

CONS609I **Special Topics in Conservation Biology; Special Topics in Conservation Biology: Internship**

CONS609I Special Topics in Conservation Biology: Special Topics in Conservation Biology: Internship; (1 credit) Grade Method: REG/S-F.

I101	Karen Lips	Seats (Total: 50)
	Contact instructor or department for details.	

CONS798 **Research Papers in Sustainable Development and Conservation Biology**

CONS798 Research Papers in Sustainable Development and Conservation Biology; (1-4 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CPSP239J **Practicum: Internship; Individual Practicum: Media, Self, and Society**

CPSP239J Practicum: Internship: Individual Practicum: Media, Self, and Society; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CPSP239P **Practicum: Internship; Public Leadership**

CPSP239P Practicum: Internship: Public Leadership; (1-3 credits) Grade Method: REG/P-F/AUD.

I101	Jennifer Littlefield	Seats (Total: 5)
	Contact instructor or department for details.	

CPSP279K **Practicum: Study Abroad; London and the British Empire, 1500-1850**
Contact department for information to register for this course.

CPSP279T **Practicum: Study Abroad; Technology and Society: Ecuador in Context**
Contact department for information to register for this course.

CPSP379A **Advanced Practicum: Study Abroad; Global Immersion: Australia**
Contact department for information to register for this course.

CPSP379C **Advanced Practicum: Study Abroad; International and Multicultural Perspectives in Education**
Contact department for information to register for this course.

CPSP379E **Advanced Practicum: Study Abroad; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

CPSP379M **Advanced Practicum: Study Abroad; Global Immersion: Singapore/Malaysia**
Contact department for information to register for this course.

CPSP379P **Advanced Practicum: Study Abroad; Morocco: Culture and Human Rights- A Public Leadership Perspective**
Contact department for information to register for this course.

ECON Economics Winter 2014

ECON200 **Principles of Micro-Economics**

ECON200 Principles of Micro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: MATH110; or must have math eligibility of MATH111 or higher. Additional information: It is recommended that students complete ECON200 before taking ECON201. Introduces economic models of the behavior of individual consumers and business firms, problems of international trade, the distribution of income, policies for eliminating poverty and discrimination, the problems of environmental pollution, and the impact of different market structures upon economic activity.

WB11	Scott Ohlmacher	Seats (Total: 65)
	Class time/details on ELMs	ONLINE

ECON201 **Principles of Macro-Economics**

ECON201 Principles of Macro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: MATH110; or must have math eligibility of MATH111 or higher. Recommended: ECON200. Credit only granted for: ECON201 or ECON205. An introduction to the problems of unemployment, inflation, and economic growth. Emphasis on roles of monetary and fiscal policy in the conduct of macroeconomic policy.

0101	Svetlana Pivovarova	Seats (Total: 40)
	MTuWTh 11:00am - 3:10pm	TYD 0102

ECON300 **Methods and Tools for Economic Analysis**

ECON300 Methods and Tools for Economic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON201 and ECON200; and 1 course with a minimum grade of C- from (MATH140, MATH220, MATH130). Restriction: Must be in a major within BSOS-Economics department; and must not have completed MATH240 or MATH241. Covers several mathematics techniques and demonstrates their application to a wide variety of models and problems in both microeconomic and macroeconomic analysis. Reviews concepts from algebra and elementary calculus and introduces components of multivariable calculus, linear algebra and differential equations.

0101	Hector Lopez Carbajal	Seats (Total: 40)
	MTuWTh 1:00pm - 4:10pm	TYD 1114

ECON321 **Economic Statistics**

ECON321 Economic Statistics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON201 and ECON200; and 1 course with a minimum grade of C- from (MATH140, MATH220, MATH130). Recommended: STAT100. Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200 or SOCY201. Introduction to the use of statistics in economics. Topics include: Probability, random variables and their distributions, sampling theory, estimation, hypothesis testing, analysis of variance, regression analysis and correlation.

0101	John Leon Diaz	Seats (Total: 40)
	MTuWTh 9:00am - 12:10pm	TYD 2111

ECON325 **Intermediate Macroeconomic Analysis**

ECON325 Intermediate Macroeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON300. Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: ECON305 or ECON325. Additional information: ECON305, Intermediate Macroeconomic Theory and Policy, is a different course designed for other majors besides ECON. ECON325 is accepted for major requirements, but ECON305 is not. Analysis of macroeconomic behavior and policy with emphasis on theoretical rigor. Topics include the determinants of economic growth, unemployment, inflation, and international economic flows.

0101	Alvaro Pedraza	Seats (Total: 40)
	MTuWTh 12:00pm - 3:10pm	TYD 2109

ECON326 **Intermediate Microeconomic Analysis**

ECON326 Intermediate Microeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON300. Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: ECON306 or ECON326. Additional information: ECON306, Intermediate Microeconomic Theory and Policy, is a different course designed for other majors besides economics. ECON326 is accepted for ECON major requirements, but ECON306 is not. Analysis of economic decision-making by individual buyers and sellers, and resulting market outcomes, with emphasis on theoretical rigor. The efficient properties of perfect competition are examined, followed by consideration of market power, externalities, and asymmetric information.

0101	Ernest Koh	Seats (Total: 40)
	MTuWTh 9:00am - 12:10pm	TYD 0101

ECON330 **Money and Banking**

ECON330 Money and Banking; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON201 and ECON200. The structure of financial institutions and their role in the provision of money and near money. Analysis of the Federal Reserve System, the techniques of central banks, and the control of supply of financial assets in stabilization policy. Relationship of money and credit to economic activity and the price level.

0101	Camilo Morales-Jimenez MTuWTh 2:30pm - 5:40pm	Seats (Total: 40) TYD 2106

ECON416 **Theory of Economic Development**

ECON416 Theory of Economic Development; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON326; and 1 course with a minimum grade of C- from (ECON321, STAT400). Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: ECON315 or ECON416. Economic theory of the developing nations; role of innovation, capital formation, resources, institutions, trade and exchange rates, and governmental policies.

0101	Brian Quistorff MTuWTh 10:00am - 1:10pm	Seats (Total: 40) TYD 1101

ECON422 **Econometrics I**

ECON422 Econometrics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 1 course with a minimum grade of C- from (ECON325, ECON326); and 1 course with a minimum grade of C- from (STAT400, ECON321). Restriction: Must be in a major within the BSOS-Economics department. Emphasizes the interaction between economic problems and the assumptions employed in statistical theory. Formulation, estimation, and testing of economic models, including single variable and multiple variable regression techniques, theory of identification, and issues relating to inference.

0101	Lixin Tang MTuWTh 2:30pm - 5:40pm	Seats (Total: 40) TYD 0101

ECON424 **Computer Methods in Economics**

ECON424 Computer Methods in Economics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 1 course with a minimum grade of C- from (ECON325, ECON326); and 1 course with a minimum grade of C- from (ECON321, STAT400). Restriction: Must be in a major within the BSOS-Economics department. Database development from Internet and other sources, research methods, and statistical analysis in economics using EXCEL and SAS.

0101	Emekcan Yucel	Seats (Total: 38)
	MTuWTh 1:00pm - 4:15pm	LEF 0229

ECON642 **Topics in Applied Macroeconomics**

ECON642 Topics in Applied Macroeconomics; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in M.Prof.Studies: Applied Economics program; or permission of BSOS-Economics department. Focus is on applied macroeconomic models used by federal agencies to explain and predict economic behavior. Course emphasizes macroeconomic data: NIPA accounts, GDP, construction and application of CPI, labor force data and economic indicators. Students will also study a selected set of current macroeconomic topics including models of economic growth, economic fluctuations, monetary policy, inflation and financial markets.

PR01	John Kitchen	Seats (Total: 20)
	Meets December 2, 2013 - February 21, 2014	
	Tu 6:30pm - 9:15pm	Location: TBA
	Class meets in 1400 16th Street NW, WDC. Restricted to students in Professional Economics Program.	

ECON644 **Empirical Analysis II: Introduction to Economic Models**

ECON644 Empirical Analysis II: Introduction to Economic Models; (3 credits) Grade Method: REG/AUD.
Prerequisite: Must have completed ECON 643. The application of econometric methods to empirical problems in economics and public policy analysis, emphasizing single variable and multiple variable regression analysis and forecasting, time series data and decision analysis.

PR01	Erkan Erdem	Seats (Total: 20)
	Meets December 2, 2013 - February 21, 2014	
	W 6:30pm - 9:15pm	Location: TBA
	Class meets in 1400 16th Street NW, WDC. Restricted to students in Professional Economics Program.	

ECON672 **Program Analysis and Evaluation**

ECON672 Program Analysis and Evaluation; (3 credits) Grade Method: REG/AUD. *Prerequisite: Must have completed ECON 641; and must have completed or be concurrently enrolled in ECON 645.* An introduction to the principles and tools of program evaluation of policy issues using the cost benefit framework. Topics include estimation under uncertainty, future benefits and costs and social welfare.

PR01	Ephraim Leibtag	Seats (Total: 20)
	Meets December 2, 2013 - February 21, 2014	
	Th 6:30pm - 9:15pm	Location: TBA
	Class meets in 1400 16th Street NW, WDC. Restricted to students in Professional Economics Program.	

ECON673 **Information, Game Theory and Market Design**

ECON673 Information, Game Theory and Market Design; (3 credits) Grade Method: REG/AUD.
Prerequisite: Must have completed ECON 641; and must have completed or be concurrently enrolled in ECON 645. A study of the strategic decision-making and the theory and practice of market design. Focus is on the design of organized market and incentives created by market rules. Topics include online auction markets, government auctions procurement auctions and matching markets. The analysis includes documenting the rules of real-world markets, game theoretic analysis, empirical analysis, and experimental work.

PR01	Instructor: TBA	Seats (Total: 20)
	Meets December 2, 2013 - February 21, 2014	
	M 6:30pm - 9:15pm	Location: TBA
	Class meets in 1400 16th Street NW, WDC. Restricted to students in Professional Economics Program.	

ECON698 **Selected Topics in Economics**

ECON698 Selected Topics in Economics; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON898 **Pre-Candidacy Research**

ECON898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON899 **Doctoral Dissertation Research**

ECON899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI Curriculum and Instruction Winter 2014

EDCI432 **Issues in the Education of English Language Learners**

EDCI432 Issues in the Education of English Language Learners; (3 credits) Grade Method: REG/P-F/AUD.
Credit only granted for: EDCI432 or EDCI488Q. Formerly: EDCI488Q. Introduction to and analysis of current and historical research, practice, trends, and public policy issues in education as they relate to English language learners in K-12 and other settings.

IH60	Jeff MacSwan	Seats (Total: 25)
	Class time/details on ELMs	ONLINE
	TLPL MCERT Program Outreach Offering. Course registration is restricted to program participants.	

EDCI463 **Reading in the Secondary School**

EDCI463 Reading in the Secondary School; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Minimum cumulative GPA of 2.75; and must be in one of the following programs (Middle School Education; Secondary Educ: Science; Secondary Educ: English Language Arts; Secondary Educ: Mathematics; Secondary Educ: Foreign Languages; Secondary Educ: Social Studies; Secondary Educ: Art) ; and permission of department required for post-baccalaureate students. Provides secondary school teachers with understanding the need for and approaches to teaching students to read and learn from content area texts.

0101	Wayne Slater MTuWThF 9:00am - 12:00pm	Seats (Total: 30) EDU 2119

EDCI488K **Selected Topics in Teacher Education; From Ethiopia to Israel: Immigration, Education, and Acculturation**

Contact department for information to register for this course.

EDCI788K **Selected Topics in Teacher Education; From Ethiopia to Israel: Immigration, Education, and Acculturation**

Contact department for information to register for this course.

EDCI798 **Special Problems in Teacher Education**

EDCI798 Special Problems in Teacher Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI888 **Apprenticeship in Education**

EDCI888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI898 **Pre-Candidacy Research**

EDCI898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0106	Victoria MacDonald Contact instructor or department for details.	Seats (Total: 5)
0132	Jeff MacSwan Contact instructor or department for details.	Seats (Total: 5)
0135	David Imig Contact instructor or department for details.	Seats (Total: 5)
0152	Francine Hultgren Contact instructor or department for details.	Seats (Total: 5)

EDCI899 **Doctoral Dissertation Research**

EDCI899 *(PermReq)* **Doctoral Dissertation Research; (6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP Education Counseling and Personnel Services — Winter 2014

EDCP108B **College and Career Advancement: Concepts and Skills; Winterterm Study Skills Program**

EDCP108B College and Career Advancement: Concepts and Skills: Winterterm Study Skills Program; (1 credit) Grade Method: REG/P-F/AUD.
Class meets for one week: Jan 6-10. Also offered as a non-credit Workshop: WINT012. For more information, click here.

0101	Beverly Greenfeig	Seats (Total: 50)
	Meets January 6, 2014 - January 10, 2014	
	MTuWThF 9:30am - 12:30pm	SHM 2102

EDCP318A **Applied Contextual Leadership; Leadership and Film**

EDCP318A Applied Contextual Leadership: Leadership and Film; (3 credits) Grade Method: REG/P-F/AUD.
This online course asks students to think about leadership in a new way by finding leadership lessons from film. This course will ask students to watch a number of films (including some documentaries) and connect each of the films to leadership readings and personal experience.

WB11	Melissa Rocco	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

EDCP318F **Applied Contextual Leadership; Fiji: Adventure Leadership**
Contact department for information to register for this course.

EDCP789 **Advanced Topics in Counseling and Personnel Services**

EDCP789 Advanced Topics in Counseling and Personnel Services; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP798 **Special Problems in Counseling and Personnel Services; Special Problems in Counseling and Personnel Services**

EDCP798 *(PermReq)* **Special Problems in Counseling and Personnel Services: Special Problems in Counseling and Personnel Services; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Individual Instruction course: contact department or instructor to obtai n section number for winter term.

Contact department for information to register for this course.

EDCP799 **Master's Thesis Research**

EDCP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP888 **Apprenticeship in Counseling and Personnel Services**

EDCP888 Apprenticeship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP889 **Internship in Counseling and Personnel Services**

EDCP889 Internship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP898 **Pre-Candidacy Research**

EDCP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP899 **Doctoral Dissertation Research**

EDCP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD Education, Human Development Winter 2014

EDHD888 **Apprenticeship in Human Development Research**

EDHD888 Apprenticeship in Human Development Research; (1-8 credits) Grade Method: REG/AUD.

0105	Kenneth Rubin Contact instructor or department for details.	Seats (Total: 1)
0134	Natasha Cabrera Contact instructor or department for details.	Seats (Total: 1)

EDHI Education Leadership, Higher Ed and International Ed Winter 2014

EDHI488C **Special Topics in Education Policy and Administration; World Religions and Their Implications for Education**

EDHI488C Special Topics in Education Policy and Administration: World Religions and Their Implications for Education; (3 credits) Grade Method: REG/P-F/AUD.

Course will meet January 6, 8, 9, 13, 15, 16. Students develop a basic understanding of world religions, looking at their origins, development, teachings, and primary figures. Students explore the roles, meaning, purpose that education plays in the various religions and examine their implications for education in the 21st century.

0101	Jing Lin	Seats (Total: 20)
	Meets January 6, 2014 - January 16, 2014	
	MWTh 4:00pm - 9:00pm Contact instructor or department for details.	EDU 2101

EDHI489 **Field Experiences in Education**

EDHI489 Field Experiences in Education; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI677 **Ranking System in Higher Education: How They Work and Why They Matter**

EDHI677 Ranking System in Higher Education: How They Work and Why They Matter; (3 credits) Grade Method: REG/AUD.
Credit only granted for: EDHI677 or EDHI788W. Formerly: EDHI788W. A critical examination of domestic and international university rankings systems from their historic origins to current day. Students explore the criteria used to identify quality, the methods used to collect data, and the impact of ranking systems on institutional decision-making. Class meets 1/6, 1/9, 1/13, and 1/16. Additionally, the class will also meet on January 21st from 2pm - 6pm. Plus 10 lab hours of independent study.

0101	KerryAnn O'Meara	Seats (Total: 20)
	Meets January 6, 2014 - January 21, 2014	
	TBA Contact instructor or department for details.	EDU 3315
	Course will meet on the following days and times in EDU 3233: Monday, Jan 6th: 9-1pm AND 2-6pm Thursday, Jan 9th: 9-1 pm AND 2-6pm Monday, January 13th: 9-1pm and 2-6pm Thursday, January 16th: 9-1pm; 2-6pm Tuesday, January 21: 6-9pm	

EDHI679 **Master's Seminar**
Contact department for information to register for this course.

EDHI683 **World Religions and Their Implications for Education**

EDHI683 World Religions and Their Implications for Education; (3 credits) Grade Method: REG/AUD.
Credit only granted for: EDHI683 or EDHI788C. Formerly: EDHI788C. Students develop a basic understanding of world religions, looking at their orgins, development, teachings, and primary figures. Students explore the roles, meaning, purpose that education plays in the various religions and examine their implications for education in the 21st century. Course will meet January 6, 8, 9, 13, 15, 16.

0101	Jing Lin	Seats (Total: 20)
	Meets January 6, 2014 - January 16, 2014	
	MWTh 4:00pm - 9:00pm Contact instructor or department for details.	EDU 2101

EDHI798 **Special Problems in Education**

EDHI798 *(PermReq)* **Special Problems in Education; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI889 **Internship in Education**

EDHI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI899 **Doctoral Dissertation Research**

EDHI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE Engineering, Civil Winter 2014

ENCE689 **Seminar**

ENCE689 Seminar; (1-16 credits) Grade Method: REG/AUD.

0112	Peter Chang	Seats (Total: 1)
	Contact instructor or department for details.	

ENCE799 **Master's Thesis Research**

ENCE799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F.

0108	Ali Haghani	Seats (Total: 2)
	Contact instructor or department for details.	

ENCE899 **Doctoral Dissertation Research**

ENCE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0108	Ali Haghani	Seats (Total: 2)
	Contact instructor or department for details.	

ENCH Engineering, Chemical Winter 2014

ENCH799 **Master's Thesis Research; Masters Thesis Research**

ENCH799 Master's Thesis Research: Masters Thesis Research; (1-6 credits) Grade Method: REG/S-F.

0126	Srinivasa Raghavan	Seats (Total: 5)
	Contact instructor or department for details.	

ENCH898 **Pre-Candidacy Research**

ENCH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0106	Mikhail Anisimov	Seats (Total: 5)
	Contact instructor or department for details.	

ENCH899 **Doctoral Dissertation Research**

ENCH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCO Engineering, Cooperative Education — Winter 2014

ENCO098 **Co-op/Internship Work Experience; Co-op/Intern Work Experience**

ENCO098 Co-op/Internship Work Experience: Co-op/Intern Work Experience; (No credit) Grade Method: S-F.
Participation in a cooperative education (co-op) or internship program combines classroom theory with paid, supervised, career-related work experience that develops technical and professional work skills. Programs are open to undergraduate and graduate students in all majors in the School of Engineering. Undergraduate students must have a 2.0 GPA to participate and graduate students a 3.0 GPA. Contact the Engineering Co-op and Career Services Office for more information.

CP02	Veronica Perrigan	Seats (Total: 10)
	Contact instructor or department for details.	

ENEE Electrical & Computer Engineering — Winter 2014

ENEE131 **Technology Choices**

ENEE131 Technology Choices; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course. GenEd: Distributive Studies - Scholarship in Practice; Signature Courses - I-Series.
An exploration of the positive and negative effects of technology on society, via diverse criteria to assess the relative well being of individuals and society; an examination of how society can help shape the future of technology and the tools that can be used to make wise technology choices.

0101	Wesley Lawson	Seats (Total: 24)
	MTuWThF 10:00am - 12:50pm	CSI 2120

ENEE200 **Social and Ethical Dimensions of Engineering Technology**

ENEE200 Social and Ethical Dimensions of Engineering Technology; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.
Restriction: Sophomore standing or higher. Designed for both engineering and non-engineering students wishing to explore and assess the impact of engineering technology on society and the role of society in generating that technology. Special emphasis is placed on the interplay of diverse and often conflicting personal and collective values in both the development and implementation of new technologies. These subjects touch on many areas of interest including ethics, politics, business, the law, and society.

0101	Nicole Mogul	Seats (Total: 19)	
	MTuWThF 10:00am - 12:00pm MTuWThF 1:00pm - 3:00pm	CSI 1121 CSI 2107	Discussion

ENEE488 **Independent Study in Electrical and Computer Engineering**

ENEE488 *(PermReq)* **Independent Study in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499 **Senior Projects in Electrical and Computer Engineering**

ENEE499 *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-5 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499L **Senior Projects in Electrical and Computer Engineering; Senior Projects in Electrical and Computer Engineering**

ENEE499L *(PermReq)* **Senior Projects in Electrical and Computer Engineering: Senior Projects in Electrical and Computer Engineering; (1-5 credits)** Grade Method: REG.

0103	Gilmer Blankenship	Seats (Total: 5)
	Contact instructor or department for details.	
0112	Romel Gomez	Seats (Total: 5)
	Contact instructor or department for details.	

0118	Robert Newcomb	Seats (Total: 5)
	Contact instructor or department for details.	

ENEE799 **Master's Thesis Research**

ENEE799 Master's Thesis Research; (1-6 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE899 **Doctoral Dissertation Research**

ENEE899 Doctoral Dissertation Research; (1-6 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENES Engineering Science Winter 2014

ENES102 **Mechanics I**

ENES102 *(PermReq)* **Mechanics I; (3 credits)** Grade Method: REG/P-F/AUD. *Corequisite: MATH140. Restriction: Must be in a major in ENGR-A. James Clark School of Engineering. Formerly: ENES110.* The equilibrium of stationary bodies under the influence of various kinds of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams, friction, stress/strain, material properties. Vector and scalar methods are used to solve problems.

0101	Stephen Kamakaris	Seats (Total: 40)
	MTuWThF 9:00am - 12:00pm	KEB 1200

ENES220 **Mechanics II**

ENES220 *(PermReq)* **Mechanics II; (3 credits)** Grade Method: REG/P-F/AUD. *Prerequisite: Minimum grade of C- in ENES102; and (MATH141 and PHYS161). Restriction: Must be in a major in ENGR-A. James Clark School of Engineering; and must not be in Engineering: Electrical program.* Stress and deformation of solids-rods, beams, shafts, columns, tanks, and other structural, machine and vehicle members. Topics include stress transformation using Mohr's circle; shear and moment diagrams; derivation of elastic curves; and Euler's buckling formula. Design problems related to this material are given in lab.

0101	Peter Chang	Seats (Total: 42)
	MTuWThF 10:00am - 1:00pm	CSI 2107

ENES232 **Thermodynamics**

ENES232 Thermodynamics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: PHYS261 and PHYS260. Restriction: Must be in a major in ENGR-A. James Clark School of Engineering. Credit only granted for: BIOE232, CHBE300, ENCH300, ENES232, ENMA461, ENME320, or ENME232. Formerly: ENME232 and ENME320.* Introduction to thermodynamics. Thermodynamic properties of matter. First and second laws of thermodynamics, cycles, reactions, and mixtures.

0101	Kristen Hines	Seats (Total: 50)
	MTuWThF 9:00am - 1:00pm	CSI 1122

ENES316 **Global Leadership in Engineering, Business, & Technology**
Contact department for information to register for this course.

ENES458A **Topics in International Engineering; Engineers Without Borders: Leadership Seminar**
Contact department for information to register for this course.

ENES458C **Topics in International Engineering; Leadership Seminar-Monitoring_Burkina Faso**
Contact department for information to register for this course.

ENES458I **Topics in International Engineering; Engineers Without Borders-Leadership Seminar**
Contact department for information to register for this course.

ENES460 **Fundamentals of Technology Start-Up Ventures**

ENES460 Fundamentals of Technology Start-Up Ventures; (3 credits) Grade Method: REG/P-F/AUD.
Formerly: ENES489A. Fundamental aspects of creating, organizing, funding, managing, and growing a technology startup venture. This multidisciplinary course will draw on management, business, legal, financial, as well as technical, concepts. Students form teams and develop a business plan for a technology company, based on each team's own business idea and then present the plan to a panel of outside experts.

WB11	Cait von Schnetlage	Seats (Total: 75)	
	Class time/details on ELMs	ONLINE	

ENES472 **International Business Cultures in Engineering and Technology**
Contact department for information to register for this course.

ENES489Q **Special Topics in Engineering; Biotechnology and Bioproduction**

ENES489Q Special Topics in Engineering: Biotechnology and Bioproduction; (3 credits) Grade Method: REG/P-F/AUD.
Focuses on the basics of recombinant DNA technology as applied to biopharmaceutical manufacturing, in classroom and pilot plant settings. Students will work through a "production campaign" including all key steps of manufacturing a protein product.Also offered as BIOE468B.

0101	Ben Woodard	Seats (Total: 20)	
	MTuWThF 1:00pm - 2:50pm	KEB 1200	
	MTuWThF 3:00pm - 4:00pm	CHE 1203	Lab

ENFP Engineering, Fire Protection Winter 2014

ENFP652 **Fire Assessment Methods**

ENFP652 Fire Assessment Methods; (3 credits) Grade Method: REG/AUD.
Credit only granted for: ENFP629B or ENFP652. Formerly: ENFP629B. This on-line course offers a comprehensive review of experimental techniques to assess fire performance characteristics of materials, products and assemblies.

EF01	Marc Janssens	Seats (Total: 40)
	Meets December 2, 2013 - February 21, 2014	
	Class time/details on ELMs	ONLINE

ENFP661 **Forensic Fire Analysis**

ENFP661 Forensic Fire Analysis; (3 credits) Grade Method: REG/AUD.
Credit only granted for: ENFP629D or ENFP661. Formerly: ENFP629D. This on-line course addresses the forensic analysis of structural fire incidents in terms of enclosure fire dynamics and the impact of fire safety subsystems used to prevent or mitigate the consequences of fire. These subsystems include: ignition prevention, material flammability and flame spread, fire detection and alarm, fire suppression, smoke movement and management, structural fire protection and egress systems. Failures in these subsystems are addressed in terms of differences between expected and observed performance.

EF01	David Icove	Seats (Total: 40)
	Meets December 2, 2013 - February 21, 2014	
	Class time/details on ELMs	ONLINE

ENFP799 **Master's Thesis Research**

ENFP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL English Winter 2014

ENGL243 **What is Poetry?**

ENGL243 What is Poetry?; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
An exploration of arguably the most complex, profound, and ubiquitous expression of human experience. Study through close reading of significant forms and conventions of Western poetic tradition. Poetry's roots in oral and folk traditions and connections to popular song forms.

WB11	Lindsay Bernal	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

ENGL245 **Film Form and Culture**

ENGL245 Film Form and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities. *Restriction: Must not have completed FILM245. Also offered as: FILM245. Credit only granted for: CMLT214, CMLT245, ENGL245, or FILM245. Formerly: CMLT214.* Introduction to film as art form and how films create meaning. Basic film terminology; fundamental principles of film form, film narrative, and film history. Examination of film technique and style over past one hundred years. Social and economic functions of film within broader institutional, economic, and cultural contexts.

WB11	Caitlin McGrath	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ENGL295 **Literature in a Wired World**

ENGL295 Literature in a Wired World; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities. *Credit only granted for: ENGL278W or ENGL295. Formerly: ENGL278W.* An introduction to the changing nature of books, texts, and narrative in Information Age. Role of book in relation to other media, history of computers and writing, influence of computing on contemporary literature and culture, emerging forms of digital narrative and reading. Practical skills taught range from how to find digital literature and other texts online to using Web media to create literary works.

WB12	Porter Olsen	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ENGL329B **Special Topics in Film Studies; English Literature on Film in the Twenty-First Century**

ENGL329B Special Topics in Film Studies: English Literature on Film in the Twenty-First Century; (3 credits) Grade Method: REG/P-F/AUD. Prerequisite: ENGL245, FILM245, FILM283, or SLLC283; or permission of ARHU-English department. Repeatable to 9 credits if content differs. Studies in various periods and genres of film. Click here for more course information.

WB11	Joseph Byrne	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ENGL369D **Special Topics in Study Abroad III; Australian Literature and Culture, Aboriginal to Contemporary**

Contact department for information to register for this course.

ENGL369N **Special Topics in Study Abroad III; Literature and Culture_New Zealand**

Contact department for information to register for this course.

ENGL379F **Special Topics in Literature; Fitzgerald and Hemingway on Film**

ENGL379F Special Topics in Literature: Fitzgerald and Hemingway on Film; (3 credits) Grade Method: REG/P-F/AUD.
Repeatable to 9 credits if content differs. Click here for more course information.

0101	Peter Mallios	Seats (Total: 25)
	TuWTh 12:00pm - 5:00pm	TWS 1107

ENGL462 **Folksong and Ballad**

ENGL462 Folksong and Ballad; (3 credits) Grade Method: REG/P-F/AUD.
A cross-section of American folk and popular songs in their cultural contexts; artists from Bill Monroe to Robert Johnson. Click here for more course information.

0101	Barry Pearson	Seats (Total: 25)
	MTuWThF 9:00am - 12:00pm	TWS 1106

ENME Engineering, Mechanical Winter 2014

ENME271 **Introduction to Matlab**

ENME271 Introduction to Matlab; (3 credits) Grade Method: REG.
Prerequisite: ENES221. Develop the skills to generate readable, compact and verifiably correct MATLAB scripts and functions to obtain numerical solutions to a wide range of engineering models and to display the results with fully annotated graphics. Learn structured programming.

0101	Christopher Chabalko	Seats (Total: 20)
	MTuWThF 9:00am - 12:00pm	KEB 2107

ENME361 **Vibration, Controls and Optimization I**

ENME361 Vibration, Controls and Optimization I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENES220, ENES221, and MATH246; and (ENME271 or MATH206). Restriction: Must be in Engineering: Mechanical program. Fundamentals of vibration, controls and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical description of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Vincent Nguyen MTuWThF 10:00am - 1:00pm	Seats (Total: 30) CSI 3120

ENME400 **Machine Design**

ENME400 Machine Design; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENME361 and ENME382. Restriction: Permission of ENGR-Mechanical Engineering department. Design of mechanical elements and planar machines. Failure theories. Design of pressure vessels, joints, rotating elements, and transmission elements. Kinematic structures, graphical, analytical, and numerical analysis and synthesis of linkages, gear trains, and flywheels are covered.

0101	Thomas Beigel MTuWThF 12:00pm - 3:00pm	Seats (Total: 40) EGR 1104

ENME414 **Computer-Aided Design**

ENME414 Computer-Aided Design; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH241; or students who have taken courses with comparable content may contact the department. Introduction to computer graphics. Plotting and drawing with computer software. Principles of writing interactive software. The applications of computer graphics in computer-aided design. Computer-aided design project.

0101	Guangming Zhang MTuWThF 9:00am - 12:00pm	Seats (Total: 42) KEB 2111
0102	Guangming Zhang MTuWThF 12:00pm - 3:00pm	Seats (Total: 42) KEB 2111

ENME462 **Vibrations, Controls, and Optimization II**

ENME462 Vibrations, Controls, and Optimization II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENME351 and ENME361. Formerly: ENME362. Continuation of ENME 361. Fundamentals of vibration, controls, and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical descriptions of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Timothy Fitzgerald	Seats (Total: 35)
	MTuWThF 9:00am - 12:00pm	EGR 1104

ENME488 **Special Problems**

ENME488 Special Problems; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME799 **Master's Thesis Research**

ENME799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME808 **Advanced Topics in Mechanical Engineering**
Contact department for information to register for this course.

ENME899 **Doctoral Dissertation Research**

ENME899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENPM Engineering, Professional Masters Winter 2014

ENPM808 **Advanced Topics in Engineering**

ENPM808 Advanced Topics in Engineering; (1-3 credits) Grade Method: REG/AUD.

CP01	George Syrmos Contact instructor or department for details.	Seats (Total: 10)
EF01	Steven Gwynne, George Syrmos **Meets December 6, 2013 - February 20, 2014** Contact instructor or department for details.	Seats (Total: 5)

ENSP Environmental Science and Policy Winter 2014

ENSP386 **Internship**

ENSP386 Internship; (3-6 credits) Grade Method: REG.
Restriction: Must have internship proposal approved by the concentration advisor, the director of ENSP and the student's internship sponsor.

I101	Bruce James Contact instructor or department for details.	Seats (Total: 5)
I124	Andrew Baldwin Contact instructor or department for details.	Seats (Total: 5)

EPIB Epidemiology and Biostatistics Winter 2014

EPIB785 **Internship in Public Health**

EPIB785 Internship in Public Health; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of SPHL-Epidemiology & Biostatistics department. Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

I109	Brit Saksvig Contact instructor or department for details.	Seats (Total: 10)

EPIB788 **Critical Readings in Epidemiology and Biostatistics**

EPIB788 Critical Readings in Epidemiology and Biostatistics; (1-3 credits) Grade Method: REG/AUD.

0101	Robert Gold Contact instructor or department for details.	Seats (Total: 5)

0102	Dushanka Kleinman Contact instructor or department for details.	Seats (Total: 5)
0103	Sunmin Lee Contact instructor or department for details.	Seats (Total: 5)
0105	Hongjie Liu Contact instructor or department for details.	Seats (Total: 5)
0106	Shuo Chen Contact instructor or department for details.	Seats (Total: 5)
0108	Mei-Ling Lee Contact instructor or department for details.	Seats (Total: 5)
0109	Olivia Carter-Pokras Contact instructor or department for details.	Seats (Total: 5)
0120	Cher Dallal Contact instructor or department for details.	Seats (Total: 5)
0121	Xin He Contact instructor or department for details.	Seats (Total: 5)
0122	David Chae Contact instructor or department for details.	Seats (Total: 5)
0131	Paul Turner Contact instructor or department for details.	Seats (Total: 5)
0132	Amir Sapkota Contact instructor or department for details.	Seats (Total: 5)
0133	Amy Sapkota Contact instructor or department for details.	Seats (Total: 5)
0134	Donald Milton Contact instructor or department for details.	Seats (Total: 5)
0135	Robin Puett Contact instructor or department for details.	Seats (Total: 5)
0136	Sacoby Wilson Contact instructor or department for details.	Seats (Total: 5)

EPIB798 **Independent Study**

EPIB798 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB799 **Master's Thesis Research**

EPIB799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB898 **Pre-Candidacy Research**

EPIB898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG.

0101	Robert Gold Contact instructor or department for details.	Seats (Total: 10)
0102	Dushanka Kleinman Contact instructor or department for details.	Seats (Total: 5)
0103	Sunmin Lee Contact instructor or department for details.	Seats (Total: 5)
0105	Hongjie Liu Contact instructor or department for details.	Seats (Total: 5)
0106	Shuo Chen Contact instructor or department for details.	Seats (Total: 5)
0108	Mei-Ling Lee Contact instructor or department for details.	Seats (Total: 5)
0109	Olivia Carter-Pokras Contact instructor or department for details.	Seats (Total: 5)
0120	Cher Dallal Contact instructor or department for details.	Seats (Total: 5)
0121	Xin He Contact instructor or department for details.	Seats (Total: 5)

0122	David Chae Contact instructor or department for details.	Seats (Total: 5)
0131	Paul Turner Contact instructor or department for details.	Seats (Total: 5)
0132	Amir Sapkota Contact instructor or department for details.	Seats (Total: 5)
0133	Amy Sapkota Contact instructor or department for details.	Seats (Total: 5)
0134	Donald Milton Contact instructor or department for details.	Seats (Total: 5)
0135	Robin Puett Contact instructor or department for details.	Seats (Total: 5)
0136	Sacoby Wilson Contact instructor or department for details.	Seats (Total: 5)

EPIB899 **Doctoral Dissertation Research**

EPIB899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0101	Robert Gold Contact instructor or department for details.	Seats (Total: 5)
0102	Dushanka Kleinman Contact instructor or department for details.	Seats (Total: 5)
0103	Sunmin Lee Contact instructor or department for details.	Seats (Total: 5)
0105	Hongjie Liu Contact instructor or department for details.	Seats (Total: 5)
0106	Shuo Chen Contact instructor or department for details.	Seats (Total: 5)
0108	Mei-Ling Lee Contact instructor or department for details.	Seats (Total: 5)

0109	Olivia Carter-Pokras Contact instructor or department for details.	Seats (Total: 5)
0120	Cher Dallal Contact instructor or department for details.	Seats (Total: 5)
0121	Xin He Contact instructor or department for details.	Seats (Total: 5)
0122	David Chae Contact instructor or department for details.	Seats (Total: 5)
0131	Paul Turner Contact instructor or department for details.	Seats (Total: 5)
0132	Amir Sapkota Contact instructor or department for details.	Seats (Total: 5)
0133	Amy Sapkota Contact instructor or department for details.	Seats (Total: 5)
0134	Donald Milton Contact instructor or department for details.	Seats (Total: 5)
0135	Robin Puett Contact instructor or department for details.	Seats (Total: 5)
0136	Sacoby Wilson Contact instructor or department for details.	Seats (Total: 5)

FILM Film Studies Winter 2014

FILM359K **Special Topics in Genres/Auteurs/Cinema Movements; Transnational Cinema: Ang Lee**

FILM359K Special Topics in Genres/Auteurs/Cinema Movements: Transnational Cinema: Ang Lee; (3 credits) Grade Method: REG/P-F/AUD.

0101	Jason Kuo MTuWThF 12:00pm - 3:00pm	Seats (Total: 20) HBK 0302H

FMSC Family Science Winter 2014

FMSC111 **Credit Cards and College Students**

FMSC111 Credit Cards and College Students; (1 credit) Grade Method: REG/P-F/AUD.
Recommended: Moderate level of computer literacy, especially Internet and ELMS. Reliable computer and Internet access. Credit only granted for: FMSC111, FMSC341 or FMSC498D. Formerly: FMSC498D. Provides college students with factual information about basic money management skills, emphasizing the responsible use of credit, specifically credit cards. Topics will include financial goals, spending plan, wise use of credit, debt management, consumer credit protection, and ID Theft. Online lessons will include video clips and interactive class activities. Students will learn the basics to build a strong financial future.

WB11	Jinhee Kim	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

FMSC260 **Couple Relationships**

FMSC260 Couple Relationships; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: FMSC260 or FMST260. Formerly: FMST260. Couple relationships and their alternatives in contemporary dating, courtship and marriage. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	Elise Resnick	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

FMSC330 **Family Theories and Patterns**

FMSC330 Family Theories and Patterns; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Restriction: Junior standing or higher. Credit only granted for: FMSC330 or FMST330. Formerly: FMST330. Theory and research on the family, including a cross-cultural analysis of family patterns.

0101	Robyn Zeiger	Seats (Total: 30)
	TuWTh 9:30am - 1:45pm	SPH 0307

FMSC332 **Children in Families**

FMSC332 Children in Families; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: PSYC100 or FMSC105. Credit only granted for: FMSC332 or FMST332. Formerly: FMST332. A family life education approach to the study of children and families. Emphasis on the interaction of children with parents, siblings, extended kin, and the community.

WB11	Lauren Messina	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

FMSC341 **Personal and Family Finance**

FMSC341 Personal and Family Finance; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Credit only granted for: FMSC341 or FMST341. Formerly: FMST341. Individual and family financial strategies with emphasis on financial planning, savings, investments, insurance, income taxes, housing, and use of credit. Planning, analyzing, and controlling financial resources to resolve personal/family financial problems and to attain financial security. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	William Knight	Seats (Total: 25)
	Class time/details on ELMs	ONLINE
WB21	Katherine Speirs	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

FMSC375 **Cultural Competence in Family and Health Services**

FMSC375 Cultural Competence in Family and Health Services; (3 credits) Grade Method: REG.
Students will develop knowledge and professional skills needed to work effectively with diverse families. Appreciation for difference among families and cultures is heightened. Active learning activities that increase self-awareness and cultural competence are emphasized.

WB11	Jacqueline Wallen	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

FMSC383 **Delivery of Human Services to Families**

FMSC383 Delivery of Human Services to Families; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FMSC330. Restriction: Must be in a major within SPHL-Family Science department. Credit only granted for: FMSC383 or FMST383. Formerly: FMST383. Processes of service delivery with special emphasis upon relationships among managers, service providers and clients. The impact of human service systems on families. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	Amanda Berger	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

FMSC460 **Violence in Families**

FMSC460 Violence in Families; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Prerequisite: SOCY100, SOCY105, or PSYC100. Credit only granted for: FMSC460 or FMST460. Formerly: FMST460. Theories of child, spouse, and elder abuse in the family setting. Emphasis on historical, psychological, sociological and legal trends relating to physical, emotional, and sexual abuse. Introduction to methods for prevention and remediation. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	Christine Schull	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

FMSC487 **Legal Aspects of Family Problems**

FMSC487 Legal Aspects of Family Problems; (3 credits) Grade Method: REG/P-F/AUD.
Credit only granted for: FMSC487 or FMST487. Formerly: FMST487. Laws and legal procedures, with emphasis on adoption, marriage, divorce, annulment, and property rights, and how they affect family life. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	Kerry Tripp	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

FMSC689 **Research Internship**

FMSC689 Research Internship; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698 **Advanced Topics in Family Science**

FMSC698 *(PermReq)* **Advanced Topics in Family Science; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698A **Advanced Topics in Family Science; Trauma and Addictions in the Context of Family Life**

FMSC698A Advanced Topics in Family Science: Trauma and Addictions in the Context of Family Life; (3 credits) Grade Method: REG/AUD.
For more information about this online class and requirements, click on this link and scroll down to the course.

0101	Wendy Wilcox	Seats (Total: 25)
	Contact instructor or department for details.	

FMSC698P **Advanced Topics in Family Science; Play Therapy**

FMSC698P *(PermReq)* **Advanced Topics in Family Science: Play Therapy; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698V **Advanced Topics in Family Science; Violence in Families**

FMSC698V Advanced Topics in Family Science: Violence in Families; (3 credits) Grade Method: REG/AUD.

WB11	Christine Schull	Seats (Total: 10)
	Class time/details on ELMs	ONLINE

FMSC699 **Independent Study**

FMSC699 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC790 **Marriage and Family Therapy Supervision**

FMSC790 Marriage and Family Therapy Supervision; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of SPHL-Family Science department. Credit only granted for: FMSC790, FMST690, or FMST790. Formerly: FMST790. Theory and research in supervision of marriage and family therapy. Emphasis on major models, articulation of personal model, and demonstration of perceptual, conceptual, and executive skills in marriage and family therapy supervision. Designed to meet the didactic course component of the designation of Approved Supervisor of the American Association for Marriage and Family Therapy.

0101	Carol Werlinich	Seats (Total: 15)
	Contact instructor or department for details.	

FMSC799 **Master's Thesis Research; Master Thesis Research**

FMSC799 Master's Thesis Research: Master Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG Geographical Sciences Winter 2014

GEOG110 **The World Today: Global Perspectives**

GEOG110 The World Today: Global Perspectives; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
The most critical issue facing the world today is the sustainability of both human and physical systems in the 21st century. This class uses the context of regions of the world to explore the 21st century issues of climate change, development, politics, economy, and demography. Each region will be used to highlight aspects of sustainability.

WB11	Rachel Berndtson	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

GEOG130 **Developing Countries**

GEOG130 Developing Countries; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Scholarship in Practice.
An introduction to the geographic characteristics of the development problems and prospects of developing countries. Spatial distribution of poverty, employment, migration and urban growth, agricultural productivity, rural development, policies and international trade. Portraits of selected developing countries.

0101	Ronald Luna	Seats (Total: 25)
	MTuWTh 9:00am - 12:30pm	LEF 1220

GEOG140 **Natural Disasters: Earthquakes, Floods, and Fires**

GEOG140 Natural Disasters: Earthquakes, Floods, and Fires; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course. GenEd: Distributive Studies - Natural Sciences; Signature Courses - I-Series.
Catastrophic Environmental Events (CCE) that are becoming more common in this time of global environmental change and it is essential that today's students be equipped with the knowledge and skills to be leaders as we, as a society, understand the upheaval that these CCEs are causing. Students will examine how CEEs shape human society and ecosystem from the interdisciplinary perspective afforded by the field of Geography. Students will use the latest geographic science concepts and techniques in exploring these events. Using satellite imagery they will gain a multi-scale perspective of the ecological and societal aspects of the events.

0101	Quentin Stubbs	Seats (Total: 20)
	MTuWTh 1:30pm - 5:00pm	LEF 1201

GEOG202 **Introduction to Human Geography**

GEOG202 Introduction to Human Geography; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Cultural Competency.
Introduction to what geographers do and how they do it. Systematic study of issues regarding social and cultural systems from a global to a local scale. Looks at the distribution of these variables and answers the question "Why here, and not there"? This course will be taught online athttp://elms.umd.edu using Live Classroom software.

WB11	Talya Gulman	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

GEOG306 **Introduction to Quantitative Methods for the Geographic Environmental Sciences**

GEOG306 Introduction to Quantitative Methods for the Geographic Environmental Sciences; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning.
Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201. Essentials in the quantitative analysis of spatial and other data, with a particular emphasis on statistics and programming. Topics include data display, data description and summary, statistical inference and significance tests, analysis of variance, correlation, regression, and some advanced concepts, such as matrix methods, principal component analysis, and spatial statistics. Students will develop expertise in data analysis using advanced statistical software. There is a $40.00 lab fee with this course. This course will be taught online at http://elms.umd.edu using Live Classroom software.

WB11	Anupam Anand	Seats (Total: 35)
	MTuWTh 6:00pm - 9:30pm	ONLINE

GEOG328B **Topics in Regional Geography; Geography of the Southern Caribbean**
Contact department for information to register for this course.

GEOG372 **Remote Sensing**

GEOG372 Remote Sensing; (3 credits) Grade Method: REG/P-F/AUD.
Principles of remote sensing in relation to photographic, thermal infrared and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships. There is a $40.00 lab fee with this course.

0101	Laura Duncanson MTuWTh 2:00pm - 6:00pm	Seats (Total: 25) LEF 1222

GEOG373 **Geographic Information Systems**

GEOG373 Geographic Information Systems; (3 credits) Grade Method: REG/P-F/AUD.
Characteristics and organization of geographic data; creation and use of digital geospatial databases; metadata; spatial data models for thematic mapping and map analysis; use of geographic information system in society, government, and business. Practical training with use of advanced software and geographic databases. There is a $40.00 lab fee with this course. This course will be taught online athttp://elms.umd.edu using Live Classroom software.

0101	Rachel Marks MTuWTh 11:00am - 2:30pm	Seats (Total: 40) LEF 1124
WB11	Julia Lukens MTuWTh 6:00pm - 9:30pm	Seats (Total: 45) ONLINE

GEOG384 **Internship in Geography I**

GEOG384 Internship in Geography I; (3 credits) Grade Method: REG/P-F.
Prerequisite: GEOG211, GEOG306, GEOG212, and GEOG201; and (ENGL393 or ENGL390). Restriction: Must be in Geography program. Supervised field training to provide career experience. Introduction to professional level activities, demands, opportunities. Placement at a public agency, non-profit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

I101	Ronald Luna Contact instructor or department for details.	Seats (Total: 10)

GEOG473 **Geographic Information Systems and Spatial Analysis**

GEOG473 Geographic Information Systems and Spatial Analysis; (3 credits)
Grade Method: REG/P-F/AUD.
Prerequisite: GEOG306 and GEOG373; or students who have taken courses with comparable content may contact the department. Credit only granted for: GEOG473 or GEOG482. Formerly: GEOG482. Analytical uses of geographic information systems; data models for building geographic data bases; types of geographic data and spatial problems; practical experience using advanced software for thematic domains such as terrain analysis, land suitability modeling, demographic analysis, and transportation studies.

0101	Naijun Zhou	Seats (Total: 35)
	MTuWTh 1:00pm - 4:30pm	LEF 2166

GEOG498 **Topical Investigations**

GEOG498 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG652 **Digital Image Processing and Analysis**
Contact department for information to register for this course.

GEOG656 **Programming and Scripting for GIS**
Contact department for information to register for this course.

GEOG677 **Internet GIS**
Contact department for information to register for this course.

GEOG788G **Selected Topics in Geography; Advanced Remote Sensing using Lidar**
Contact department for information to register for this course.

GEOG789 **Independent Readings**
Contact department for information to register for this course.

GVPT Government and Politics Winter 2014

GVPT100 **Scope and Methods for Political Science Research**

GVPT100 Scope and Methods for Political Science Research; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - Scholarship in Practice.
An introduction to empirical research in political science.

WB11	Kiyoung Chang	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT170 **American Government**

GVPT170 American Government; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
A comprehensive study of national government in the United States.

WB11	Raymond Williams	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT280 **Comparative Politics and Governments**

GVPT280 Comparative Politics and Governments; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT100. An introduction to the comparative study of politics and governance, including the analytical frameworks for studies of politics and governmental institutions and a survey of the major types of European regimes.

WB11	Mary Schneider	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT282 **Politics and the Developing World**

GVPT282 Politics and the Developing World; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
A study of the domestic governmental institutions; processes and problems such as conflict and economic development; and the socio-economic environments that are common to developing countries of Africa, the Middle East, Asia, and Latin America.

WB11	Darragh McNally	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT309F **Topics in International Relations; Chile: Chilean Literature, Democracy and Social Change**
Contact department for information to register for this course.

GVPT309W **Topics in International Relations; Asymmetric Warfare**

GVPT309W Topics in International Relations: Asymmetric Warfare; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

WB11	Jennifer Wallace	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT388T **Topical Investigations; Germany in the New Europe: Politics, Business, and Culture**
Contact department for information to register for this course.

GVPT409J **Seminar in International Relations and World Politics; Multi-Track Diplomacy and Conflict Transformation**

GVPT409J Seminar in International Relations and World Politics: Multi-Track Diplomacy and Conflict Transformation; (3 credits) Grade Method: REG/P-F/AUD.
The course will also meet on Friday, 1/17/13 from 6pm-9:00pm ("snow day" makeups: Jan. 18-19 if needed). GVPT409K is strongly recommended as a concurrent course.
Click here for more course information.

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102

GVPT409K **Seminar in International Relations and World Politics; Workshop in Multi-Track Diplomacy**

GVPT409K Seminar in International Relations and World Politics: Workshop in Multi-Track Diplomacy; (3 credits) Grade Method: REG/P-F/AUD.
Two consecutive weekend workshops: Friday evenings 6-9pm, Saturday and Sundays 9am-1pm and 2-6pm, January 4-5 & 11-12 ("snow day" makeups: January 18-19 if needed). GVPT409J is strongly recommended as a concurrent class.
Click here for more course information.

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101

GVPT808J **Selected Topics in Functional Problems in International Relations; Multi-Track Diplomacy and Conflict Transformation**

GVPT808J Selected Topics in Functional Problems in International Relations: Multi-Track Diplomacy and Conflict Transformation; (3 credits) Grade Method: REG/AUD.
The course will also meet on Friday, 1/17/13 from 6pm-9:00pm ("snow day" makeups: Jan. 18-19 if needed). GVPT808K is strongly recommended as a concurrent course. Click here for more course information.

0101	Edward Kaufman, John Davies	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102

GVPT808K **Selected Topics in Functional Problems in International Relations; Workshop in Multi-Track Diplomacy**

GVPT808K Selected Topics in Functional Problems in International Relations: Workshop in Multi-Track Diplomacy; (3 credits) Grade Method: REG/AUD.
GVPT808J is strongly recommended as a concurrent course. Two consecutive weekend workshops: Friday evenings 6-9pm, Saturday and Sundays 9am-1pm and 2-6pm, January 4-5 & 11-12 ("snow day" makeups: January 18-19 if needed). Click here for more course information.

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101

GVPT898 **Pre-Candidacy Research**

GVPT898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP386 **Experiential Learning**

HESP386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. *Restriction: Junior standing or higher; and permission of BSOS-Hearing Speech Sciences department.*

0116	Nan Ratner	Seats (Total: 10)
	Contact instructor or department for details.	

HESP499 **Independent Study**

HESP499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP638 **Research Practicum**

HESP638 Research Practicum; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP639 **Special Topics in Hearing and Speech Sciences; Medical Speech-Language Pathology: Tracheostomy & Ventilator Dependence and Head and Neck Cancer**

HESP639 Special Topics in Hearing and Speech Sciences: Medical Speech-Language Pathology: Tracheostomy & Ventilator Dependence and Head and Neck Cancer; (3 credits) Grade Method: REG/AUD.
This course will be held at Johns Hopkins Department of Otolaryngology - Head and Neck Surgery: Johns Hopkins Outpatient Center James and Cathy Justice Conference Center Room 6150, 6th floor 601 N. Caroline Street Baltimore, MD 21287

0101	Kimberly Webster, Donna Tippett	Seats (Total: 20)
	Meets January 6, 2014 - January 17, 2014	
	MTuWThF 4:00pm - 8:30pm	Location: TBA
	This section is co-taught by Donna Tippett and Kimberly Webster.	

HESP649A **Clinical Practice in Audiology; Diagnostic Audiology**

HESP649A Clinical Practice in Audiology: Diagnostic Audiology; (1-2 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP708 **Independent Study**

HESP708 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP799 **Master's Thesis Research**

HESP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP849 **Capstone Research Project I**

HESP849 Capstone Research Project I; (2 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP859 **Capstone Research Project II**

HESP859 Capstone Research Project II; (1-2 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP889 **Doctoral Candidacy Research**

HESP889 Doctoral Candidacy Research; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP898 **Pre-Candidacy Research**

HESP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST History Winter 2014

HIST219K **Special Topics in History; London and the British Empire, 1500-1850**
Contact department for information to register for this course.

HIST306 **History of Religion in America**

HIST306 History of Religion in America; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: HIST200, HIST201, HIST210, HIST211, HIST213, HIST254, or HIST255; or must have completed HIST156 or HIST157; or permission of instructor. Also offered as: RELS346. Credit only granted for: HIST306 or RELS346.* A history of religion, religious movements, and churches in America from the early Colonial period to the present, with special attention to the relation between church and society.

WB11	Miles Bradbury	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST319I **Special Topics in History; Cultural History of Latin America: Music, Movies and Revolu tion.**

HIST319I Special Topics in History: Cultural History of Latin America: Music, Movies and Revolu tion.; (3 credits) Grade Method: REG/P-F/AUD.

0101	Daniel Richter	Seats (Total: 40)
	MTuWThF 1:00pm - 4:15pm	MMH 0108

HIST329K **Special Topics in History; History of Rock 'n' Roll, 1950-2000**

HIST329K Special Topics in History: History of Rock 'n' Roll, 1950-2000; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Andrew Kellett	Seats (Total: 60)
	Class time/details on ELMs	ONLINE

HIST329N **Special Topics in History; Chile: Chilean Literature, Democracy and Social Change**
Contact department for information to register for this course.

HIST357 **Recent America: 1945-Present**

HIST357 Recent America: 1945-Present; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: HIST201, HIST211, HIST213, HIST222, HIST255, or HIST275; or must have completed HIST157; or permission of instructor.* American history from the inauguration of Harry S. Truman to the present with emphasis upon politics and foreign relations, but with consideration of special topics such as radicalism, conservatism, and labor.

WB11	Edwin Smead	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST360 **Women and the Civil Rights Movement**

HIST360 Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
Twentieth-century U.S. civil rights movement from the vantage point of women, considering both women's involvement in the legal campaigns and political protests and the impact of civil rights struggles on women's condition, status, and identity. Also offered as AASP498I and WMST498M. Credit will be granted for one of the following: AASP498I, HIST360 or WMST498M.

WB11	Elsa Barkley Brown	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST419F **Special Topics in History; U.S Secret Intelligence, Past and Present**

HIST419F Special Topics in History: U.S Secret Intelligence,

0101	Vincent Houghton	Seats (Total: 40)
	MTuWThF 1:00pm - 4:15pm	KEY 0116

HIST482 **History of Japan to 1800**

HIST482 History of Japan to 1800; (3 credits) Grade Method: REG/P-F/AUD.
Traditional Japanese civilization from the age of Shinto mythology and introduction of continental learning down to the rule of military families, the transition to a money economy, and the creation of a townsmen's culture. A survey of political, economic, religious, and cultural history.

WB11	Shuji Otsuka	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HLTH Health Winter 2014

HLTH106 **Drug Use and Abuse**

HLTH106 Drug Use and Abuse; (3 credits) Grade Method: REG/P-F/AUD.
An interdisciplinary analysis of contemporary drug issues and problems. The course will examine physiological, psychological, social, philosophical, historical, legal and health aspects of drug use and abuse. Special attention will be focused on those general motivations for drug use that attend life on the college campus.

WB11	Tracy Zeeger	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

HLTH140 **Personal and Community Health**

HLTH140 Personal and Community Health; (3 credits) Grade Method: REG/P-F/AUD.
Meaning and significance of physical, mental and social health as related to the individual and to society; important phases of national health problems; constructive methods of promoting health of the individual and the community.

WB11	Sylvette La Touche-Howard	Seats (Total: 55)
	Class time/details on ELMs	ONLINE

HLTH377 **Human Sexuality**

HLTH377 Human Sexuality; (3 credits) Grade Method: REG/P-F/AUD.
The biological and developmental aspects of human sexuality; the psychological and emotional aspects of sexual behavior; sexual identity; the historical, cultural, social, linguistic, legal and moral forces affecting sexual issues; the importance of communication, disclosure and intimacy in interpersonal relationships; and research trends in the area of human sexuality.

WB11	Robin Sawyer	Seats (Total: 158)
	Class time/details on ELMs	ONLINE

HLTH476 **Death Education**

HLTH476 Death Education; (3 credits) Grade Method: REG/P-F/AUD.
Examination of the genesis and development of present day death attitudes and behavior by use of a multidisciplinary life cycle approach.

WB11	Jennifer Hodgson	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

HLTH489 **Field Laboratory Projects and Workshop**

HLTH489 Field Laboratory Projects and Workshop; (1-6 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH489I **Field Laboratory Projects and Workshop; East Meets West: Contrasting Public Health Priorities, Pragmatics and Polemics in the U.S. and India**
Contact department for information to register for this course.

HLTH498A **Special Topics in Health; Massage Therapy and Stress**

HLTH498A Special Topics in Health: Massage Therapy and Stress; (3 credits) Grade Method: REG/P-F/AUD.

0101	Geoffrey Gilbert	Seats (Total: 30)
	MWF 1:00pm - 5:10pm	SPH 0107

HLTH498L **Special Topics in Health; Health Literacy**

HLTH498L Special Topics in Health: Health Literacy; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Bonnie Braun	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

HLTH498T **Special Topics in Health; Medical Terminology**

HLTH498T Special Topics in Health: Medical Terminology; (3 credits) Grade Method: REG/P-F/AUD.
This on-line course is designated to improve medical terminology vocabul ary skills. Prepares students for advanced professional preparation cour ses by incorporating content taught in advanced medical and scientific c ourses. The syllabus and directions for starting the course will be emai led on January 5th at the latest.

WB11	Katherine Sharp	Seats (Total: 150)
	Class time/details on ELMs	ONLINE

HLTH688 **Special Problems in Health Education**

HLTH688 Special Problems in Health Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH688L **Special Problems in Health Education; Health Literacy Seminar**

HLTH688L Special Problems in Health Education: Health Literacy Seminar; (3 credits) Grade Method: REG/AUD.

WB11	Bonnie Braun	Seats (Total: 10)
	Class time/details on ELMs	ONLINE

HLTH898 **Pre-Candidacy Research**

HLTH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HONR Honors Winter 2014

HONR248E **Cultures of the Contact Zones - Seville, Al-Andalus and the Atlantic World**
Contact department for information to register for this course.

HONR249B **Honors Seminar; London and the British Empire, 1500-1850**
Contact department for information to register for this course.

HONR258L **Honors Seminar; Exploring a Different China**
Contact department for information to register for this course.

HONR278O **Honors Seminar; Exploring Issues and Challenges of Globalization (Belize)**
Contact department for information to register for this course.

HONR348C **Advanced Honors Seminar; Global Immersion: Singapore/Malaysia**
Contact department for information to register for this course.

HONR348K **Advanced Honors Seminar; Inventing and Designing a "Poetry Game"**

HONR348K Advanced Honors Seminar: Inventing and Designing a "Poetry Game"; (1-3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Humanities.

0101	Zahara Heckscher	Seats (Total: 20)
	MTuWThF 1:00pm - 4:00pm	DOR 0128

HONR348X **Advanced Honors Seminar; Germany in the New Europe: Politics, Business, and Culture**
Contact department for information to register for this course.

HONR349B **Honors Colloquium; Australian Literature and Culture, Aboriginal to Contemporary**
Contact department for information to register for this course.

HONR349C **Honors Colloquium; Chile: Chilean Literature, Democracy and Social Change**
Contact department for information to register for this course.

HONR349Z **Honors Colloquium; Literature and Culture_ New Zealand**
Contact department for information to register for this course.

INAG Institute of Applied Agriculture Winter 2014

INAG110 **Oral Communication**

INAG110 Oral Communication; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Oral Communications.
Credit only granted for: COMM107, COMM200, INAG110, JOUR130, THET285. A study of how perception, self-concept, verbal and nonverbal communications affect the communication process as it emerges in the work place. The course provides skill training in speech writing, public speaking, group communication, interpersonal communication, listening, and responding.

0101	Edward Priola	Seats (Total: 22)
	MTuWTh 1:00pm - 4:30pm	PLS 1146

INFM Information Management Winter 2014

INFM719 **Independent Study**

INFM719 Independent Study; (1-3 credits) Grade Method: REG.

0103	Brian Butler	Seats (Total: 4)
	Contact instructor or department for details.	
0147	Vera Rhoads	Seats (Total: 2)
	Contact instructor or department for details.	

INST Information Studies Winter 2014

INST633 **Analyzing Social Networks and Social Media**

INST633 Analyzing Social Networks and Social Media; (3 credits) Grade Method: REG.

Restriction: Permission of INFO-College of Information Studies. Credit only granted for: LBSC708L or INST633. Formerly: LBSC708L. Introduces students to the science and social science of network analysis. Through real world examples, including analysis of their own social networks, students will develop skills for describing and understanding the patterns and usage of services like Facebook, Twitter, YouTube, and others. Students will read classic and cutting edge articles and books about these topics and discuss their applicability to this new social media. The class will culminate with a capstone project in which students will apply the analysis methods they have learned to understanding a particular question about social networks and social media.

WB11	Jennifer Golbeck	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

INST729I **International Opportunities in Information Studies; India**
Contact department for information to register for this course.

ITAL Italian Winter 2014

ITAL103 **Intensive Elementary Italian**
Contact department for information to register for this course.

ITAL203 **Intensive Intermediate Italian**
Contact department for information to register for this course.

ITAL498D **Special Topics in Italian Literature; Italy: Italian Language and Culture**
Contact department for information to register for this course.

ITAL499 **Special Topics in Italian Studies; Special Topics in Italian Studies**

ITAL499 Special Topics in Italian Studies: Special Topics in Italian Studies; (3 credits) Grade Method: REG/P-F/AUD.

0110	Stefania Amodeo	Seats (Total: 1)
	Contact instructor or department for details.	
0126	Federica Deigan	Seats (Total: 1)
	Contact instructor or department for details.	

JOUR Journalism Winter 2014

JOUR175 **Media Literacy**

JOUR175 Media Literacy; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Scholarship in Practice; Diversity - Understanding Plural Societies.
Additional information: Not applicable toward journalism major. An analysis of the information, values and underlying messages conveyed via television, newspapers, the internet, magazines, radio and film. Examines the accuracy of those messages and explores how media shape views of politics, culture and society.

0101	Susan Moeller	Seats (Total: 18)
	MTuWTh 9:00am - 12:30pm	KNI 2107

JOUR199 **Survey Apprenticeship**

JOUR199 Survey Apprenticeship; (1 credit) Grade Method: S-F.

0101	Adrianne Flynn	Seats (Total: 20)
	Contact instructor or department for details.	

JOUR479R **Investigative Journalism in Post-Soviet Europe**
Contact department for information to register for this course.

JOUR698 **Special Problems in Communication**

JOUR698 Special Problems in Communication; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR698R **Special Problems in Communication; Investigative Journalism in Post-Soviet Europe**
Contact department for information to register for this course.

JOUR888 **Doctoral Professional Field Work**

JOUR888 Doctoral Professional Field Work; (3-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES Kinesiology Winter 2014

KNES131D **Physical Education Activities: Coed; Dance: Salsa (Beginning)**

KNES131D Physical Education Activities: Coed: Dance: Salsa (Beginning); (1 credit) Grade Method: REG/P-F.
Attendance is required on the first day of class. Students must pay a $40 instructional materials fee.

0101	Barbara Bernstein	Seats (Total: 30)	
	MTuThF 2:00pm - 5:00pm	SPH 0128	Lab

KNES157N **Physical Education Activities: Coed; Weight Training (Beginning)**

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); (1 credit) Grade Method: REG/P-F.
Attendance is required on the first day of class. Students must pay a $40 instructional materials fee.

0101	Shaun Edmonds	Seats (Total: 15)	
	MTuWThF 10:00am - 12:00pm	SPH 0103	Lab

KNES157O **Physical Education Activities: Coed; Weight Training (Intermediate)**

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); (1 credit) Grade Method: REG/P-F.
Attendance is required on the first day of class. Students must pay a $40 instructional materials fee.

0101	Shaun Edmonds	Seats (Total: 15)	
	MTuWThF 10:00am - 12:00pm	SPH 0103	Lab

KNES161C **Physical Education Activities: Coed; Group Cycling (Intermediate)**

KNES161C Physical Education Activities: Coed: Group Cycling (Intermediate); (1 credit) Grade Method: REG/P-F.
Attendance is required on the first day of class. Students must pay a $40 instructional materials fee.

0101	Andrea Romeo	Seats (Total: 22)	
	MTuThF 10:00am - 12:15pm	COL SB0191	Lab

KNES161T **Physical Education Activities: Coed; Yoga (Beginning)**

KNES161T Physical Education Activities: Coed: Yoga (Beginning); (1 credit)
Grade Method: REG/P-F.
Attendance is required on the first day of class. Students must pay a $40 instructional materials fee.

0102	Carly Hunt	Seats (Total: 35)	
	MTuWThF 11:00am - 1:00pm	SPH 0107	Lab

KNES260 **Science of Physical Activity and Cardiovascular Health**

KNES260 Science of Physical Activity and Cardiovascular Health; (3 credits)
Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course. GenEd: Distributive Studies - Natural Sciences.
Course details (1) the public health importance of and the processes underlying cardiovascular disease, (2) the risk factors for cardiovascular disease and the methods whereby they were identified, and (3) the principles of the scientific evidence supporting the use of physical activity to prevent cardiovascular disease.

WB11	James Hagberg	Seats (Total: 50)	
	Class time/details on ELMs	ONLINE	

KNES287 **Sport and American Society**

KNES287 Sport and American Society; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Sport will be related to such social problems as delinquency, segregation, collective behavior, and leisure; to social processes such as socialization, stratification, mobility, and social control; and to those familiar social institutions the family, the school, the church, the military, the economy, the polity, and the mass media.

WB11	Instructor: TBA	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES289 **Topical Investigations**

KNES289 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department.

Contact department for information to register for this course.

KNES293 **History of Sport in America**

KNES293 History of Sport in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences.
The growth and development of sport in America. The transformation of sport within the perspective of American history, including class sport, professionalization, amateurism, and international involvement. All sessions are taught on-line.

WB11	Damion Thomas	Seats (Total: 90)
	Class time/details on ELMs	ONLINE

KNES350 **The Psychology of Sports**

KNES350 The Psychology of Sports; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
An exploration of personality factors, including but not limited to motivation, aggression and emotion, as they affect sports participation and motor skill performance.

WB11	J Carson Smith	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

KNES370 **Motor Development**

KNES370 Motor Development; (3 credits) Grade Method: REG/P-F/AUD. *Restriction: Must be in a major within SPHL-Kinesiology department.* Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturation of neuromuscular system; analysis of the underlying mechanisms of motor skill development; and correlates of motor development. Non-KNES majors should contact Dr. Ana Palla-Kane (anapalla@umd.edu) to request permission.

WB11	Marcio Oliveira	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES385 **Motor Control and Learning**

KNES385 Motor Control and Learning; (3 credits) Grade Method: REG/P-F/AUD. *Restriction: Must be in a major within SPHL-Kinesiology department.* Physiological and cognitive bases for motor control and their applications to the acquisition of movement skills and understanding of movement disorders. Topics include: neurophysiology, motor control theory, sensory/perceptual processes, perception-action coupling, information processing, memory, attention, individual differences, motivation, practice organization and role of feedback. Non-KNES majors should contact Dr. Ana Palla-Kane (anapalla@umd.edu) to request permission.

WB11	Rodolphe Gentili	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES389 **Topical Investigations**

KNES389 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department.

Contact department for information to register for this course.

KNES389K **Topical Investigations; Kinesiology Internship**

KNES389K *(PermReq)* **Topical Investigations: Kinesiology Internship; (3 credits)**
Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department.

Contact department for information to register for this course.

KNES389P **Topical Investigations; Strength and Conditioning of Athletes**

KNES389P Topical Investigations: Strength and Conditioning of Athletes; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: KNES360. Dedicated to preparing students to teach and coach athletes in the area of strength and conditioning. In addition to addressing basic aspects of strength & conditioning, students learn basic biomechanics of movement, maximum strength development, sport-specific energy utilization, metabolic conditioning, athletic speed/agility/acceleration, explosive power enhancement, and the design of sport-specific training programs. Examples will be used to illustrate concepts that have the potential to impact all areas of kinesiology. The student will be instructed into how to teach any level athlete, youth to adult, individually or in large groups.

0101	John Philbin	Seats (Total: 35)
	MTuWThF 1:00pm - 4:00pm	SPH 0308

KNES462 **Neural Basis of Human Movement**

KNES462 Neural Basis of Human Movement; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI202, KNES385, and BSCI201; or permission of SPHL-Kinesiology department. An introduction to the neural substrates which underlie postural and volitional movement. Neuroanatomical and neurophysiological basis of motor functioning; past and present conceptualizations of motor control and coordination; movement disorders; and maturation of the neuromuscular system.

WB11	Rodolphe Gentili	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES485 **Sport and Globalization**

KNES485 Sport and Globalization; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Diversity - Understanding Plural Societies.
Prerequisite: KNES287. Restriction: Junior standing or higher. Credit only granted for: KNES485 and KNES498T. Formerly: KNES498T. Examination of sport culture from a global perspective; focuses on theorizing the similarities and differences between various national sporting cultures. All sessions are on-line.

WB11	Oliver Rick	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

KNES498 **Special Topics in Kinesiology**

KNES498 *(PermReq)* **Special Topics in Kinesiology; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department.

Contact department for information to register for this course.

KNES498E **Special Topics in Kinesiology; Coaching for Performance**

KNES498E Special Topics in Kinesiology: Coaching for Performance; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: KNES350. While focusing on individual sports of interest, students will learn pedagogically appropriate practices used to engage athletes physically, emotionally and cognitively, enhance the acquisition of skills, and develop technical and tactical knowledge that contribute to peak performance. Appropriate practice planning and game analysis will also be discussed.

WB11	Dena Deglau	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES498N **Special Topics in Kinesiology; Muscular Aspects of Exercise Physiology**

KNES498N Special Topics in Kinesiology: Muscular Aspects of Exercise Physiology; (3 credits) Grade Method: REG/P-F/AUD.
Coverage of key mechanisms that regulate skeletal muscle function especially in relation to how muscle adapts to acute excercise and excercise training. Aspects of skeletal muscle biology covered include: muscle development, muscle fiber type determination, cell bioenergetics,excitation-contraction coupling, parameters of contracticle function, causes of fatigue, regulation of gene expression,and cellular basis of muscle damange and regeneration.

WB11	Eva Chin	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES689 **Special Problems in Kinesiology**

KNES689 *(PermReq)* **Special Problems in Kinesiology; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES799 **Master's Thesis Research**

KNES799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES899 **Doctoral Dissertation Research**

KNES899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LARC Landscape Architecture Winter 2014

LARC489N **Special Topics in Landscape Architecture; Culture and Earth: Transformation and Adaptation-New Zealand**

Contact department for information to register for this course.

LARC489O **Special Topics in Landscape Architecture; Computer-Aided Design and Drafting (CADD): Urban Construction**

LARC489O Special Topics in Landscape Architecture: Computer-Aided Design and Drafting (CADD): Urban Construction; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PLSC100 or PLSC101 or PHYS 161; or permission of instructor.

0101	Robert Tjaden	Seats (Total: 20)
	MTuWTh 5:00pm - 8:30pm	PLS 2137

LARC489W **Special Topics in Landscape Architecture; Constructed Wetlands and Related Stormwater Technologies**

LARC489W Special Topics in Landscape Architecture: Constructed Wetlands and Related Stormwater Technologies; (3 credits) Grade Method: REG/P-F/AUD. Covers wetland and stream restoration techniques, site-scale hydrologic modeling, GIS data processing, estimated reductions of contamination from urban runoff and applications for design. Learn the basic functions and values, how to evaluate urban land use in terms of expected storm water quality output, estimating storm water discharge volume, identifying suitable materials for design implementation including plant materials, and design of a constructed wetland or stream restoration.

0101	Christopher Ellis	Seats (Total: 20)
	MTuWTh 9:00am - 12:30pm	PLS 2137

LARC499 **Independent Studies in Landscape Architecture; Independent Studies in Landscape Architecture**

LARC499 Independent Studies in Landscape Architecture: Independent Studies in Landscape Architecture; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LARC699 **Independent Studies in Landscape and Architecture**

LARC699 Independent Studies in Landscape and Architecture; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC Library Science Winter 2014

LBSC709 **Independent Study; Independent Study**

LBSC709 Independent Study: Independent Study; (1-3 credits) Grade Method: REG/AUD.

0131	Mary Choquette	Seats (Total: 3)
	Contact instructor or department for details.	

LING Linguistics Winter 2014

LING200 **Introductory Linguistics**

LING200 Introductory Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: HESP120 or LING200. Additional information: Does not count toward the Linguistics major and does not fulfill prerequisite requirements for all upper-level courses. An exploration of the nature of human language, designed for non-majors. Introduction to the basic concepts and methodology of modern linguistic analysis (sound systems, word formation, sentence structure). Additional topics may include: semantics, pragmatics, social aspects of language, dialects, language change, acquisition, writing systems, typology, language universals, comparison with other communication systems, etc.

0101	Megan Sutton	Seats (Total: 20)
	MTuWThF 9:00am - 12:00pm	TLF 1101

LING499 **Directed Studies in Linguistics**

LING499 Directed Studies in Linguistics; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING689 **Independent Study**

LING689 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING698 **Directed Study**

LING698 Directed Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING798 **Research Papers in Linguistics**

LING798 Research Papers in Linguistics; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING799 **Master's Thesis Research**

LING799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING889 **Directed Research**

LING889 Directed Research; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING895 **Doctoral Research Paper**

LING895 Doctoral Research Paper; (6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING896 **Research Paper in Minor Area**

LING896 Research Paper in Minor Area; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: LING895. This course is designed to strengthen the students' ability to do research in a minor area of expertise, and to help them create a publishable piece. In addition, the course constitutes part of a set of requirements to advance to doctoral candidacy.

Contact department for information to register for this course.

LING898 **Pre-Candidacy Research**

LING898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING899 **Doctoral Dissertation Research**

LING899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH Mathematics Winter 2014

MATH307 **A Condensed Introduction to Mathematical Proof**

MATH307 A Condensed Introduction to Mathematical Proof; (2 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH241 or MATH340. Recommended: MATH461 or MATH240. Credit only granted for: MATH307 or MATH310. Additional information: Math majors may not use this course to satisfy the upper-level math requirement. A preparation for proofs and concepts in MATH410. Students develop proof-writing skills as the material covers background and key ideas for MATH410 including logic of proofs, induction and convergence concepts.

0101	Kathryn Truman	Seats (Total: 30)
	MTuWThF 10:00am - 12:00pm	EGR 0110

MATH498A **Selected Topics in Mathematics**

MATH498A *(PermReq)* **Selected Topics in Mathematics; (1-9 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH899 **Doctoral Dissertation Research**

MATH899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES Marine-Estuarine-Environmental Sciences — Winter 2014

MEES698L **Special Topics in Marine-Estuarine-Environmental Sciences; Evolving Paradigms in Reproductive Biology**

MEES698L *(PermReq)* **Special Topics in Marine-Estuarine-Environmental Sciences: Evolving Paradigms in Reproductive Biology; (1 credit)** Grade Method: REG/AUD.
Course will be taught at the Institute of Marine & Environmental Technology and on the Interactive Video Network.

0101	Allen Place MWF 10:00am - 12:00pm	Seats (Total: 15) HJP 1213B

MIEH Maryland Institute for Applied Environmental Health — Winter 2014

MIEH609 **Methods in Toxicology**

MIEH609 Methods in Toxicology; (1-3 credits) Grade Method: REG/AUD.

0101	Paul Turner Contact instructor or department for details.	Seats (Total: 5)
0102	Amir Sapkota Contact instructor or department for details.	Seats (Total: 5)
0103	Amy Sapkota Contact instructor or department for details.	Seats (Total: 5)

0104	Donald Milton Contact instructor or department for details.	Seats (Total: 5)
0105	Robin Puett Contact instructor or department for details.	Seats (Total: 5)
0106	Sacoby Wilson Contact instructor or department for details.	Seats (Total: 5)

MIEH785 **Internship in Public Health**

MIEH785 *(PermReq)* **Internship in Public Health; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of SPHL-Maryland Institute for Applied Environmental Health.
Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

Contact department for information to register for this course.

MIEH786 **Captsone Project in Public Health**

MIEH786 *(PermReq)* **Captsone Project in Public Health; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of SPHL-Maryland Institute for Applied Environmental Health.
Capstone experience provding opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

Contact department for information to register for this course.

MIEH788 **Critical Readings in Environmental Health**

MIEH788 *(PermReq)* **Critical Readings in Environmental Health; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH789 **Independent Study**

MIEH789 *(PermReq)* **Independent Study; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH799 **Master's Thesis Research**

MIEH799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH898 **Pre-Candidacy Research**

MIEH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG.

0101	Paul Turner Contact instructor or department for details.	Seats (Total: 5)
0102	Amir Sapkota Contact instructor or department for details.	Seats (Total: 5)
0103	Amy Sapkota Contact instructor or department for details.	Seats (Total: 5)
0104	Donald Milton Contact instructor or department for details.	Seats (Total: 5)
0105	Robin Puett Contact instructor or department for details.	Seats (Total: 5)
0106	Sacoby Wilson Contact instructor or department for details.	Seats (Total: 5)

MIEH899 **Doctoral Dissertation Research**

MIEH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0101	Paul Turner Contact instructor or department for details.	Seats (Total: 5)

0102	Amir Sapkota Contact instructor or department for details.	Seats (Total: 5)
0103	Amy Sapkota Contact instructor or department for details.	Seats (Total: 5)
0104	Donald Milton Contact instructor or department for details.	Seats (Total: 5)
0105	Robin Puett Contact instructor or department for details.	Seats (Total: 5)
0106	Sacoby Wilson Contact instructor or department for details.	Seats (Total: 5)

MUSC School of Music Winter 2014

MUSC205 **History of Popular Music, 1950-Present**

MUSC205 History of Popular Music, 1950-Present; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
A historical survey of rock music (blues, rock, soul, metal, rap, etc.) from circa 1950 to the present, with emphasis on popular music as music and popular music as social history.

0101	Sarah England MTuWThF 10:00am - 1:00pm	Seats (Total: 30) PAC 3160

MUSC899 **Doctoral Dissertation Research**

MUSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG.

0159	Rita Sloan Contact instructor or department for details.	Seats (Total: 5)

NFSC Nutrition and Food Science Winter 2014

NFSC100 **Elements of Nutrition**

NFSC100 Elements of Nutrition; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course. GenEd: Distributive Studies - Natural Sciences. Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs.

0101	Saira Khan	Seats (Total: 25)	
	MTuWThF 10:00am - 12:00pm	SKN 0101	
	MTuWThF 12:00pm - 1:00pm	SKN 0101	Discussion

NFSC386 **Experiential Learning**

NFSC386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Permission of AGNR-Nutrition and Food Science department. Restriction: Junior standing or higher. Formerly: FDSC386 and NUTR386.*

Contact department for information to register for this course.

NFSC498 **Selected Topics**

NFSC498 Selected Topics; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC699 **Problems in Nutrition and Food Science**

NFSC699 Problems in Nutrition and Food Science; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC799 **Master's Thesis Research**

NFSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHIL Philosophy Winter 2014

PHIL140 **Contemporary Moral Issues**

PHIL140 Contemporary Moral Issues; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities.
The uses of philosophical analysis in thinking clearly about such widely debated moral issues as abortion, euthanasia, homosexuality, pornography, reverse discrimination, the death penalty, business ethics, sexual equality, and economic justice. This course will meet entirely online. Students should contact the instructor at rogilvie@umd.edu. Click here for more course information.

WB11	Ryan Ogilvie	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

PHIL170 **Introduction to Logic**

PHIL170 Introduction to Logic; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Analytic Reasoning.
Development of analytical reasoning skills through study of formal logics, reasoning systems, and fallacious inference patterns. Section will meet entirely online. Students should contact the instructor at alexeyaliyev@gmail.com. Click here for more course information.

WB11	Alexey Aliev	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

PHIL308K **Studies in Contemporary Philosophy; Philosophy of Time**

PHIL308K Studies in Contemporary Philosophy: Philosophy of Time; (3 credits) Grade Method: REG/P-F/AUD.
This course will meet entirely online. Students should contact the instructor atchristian.tarsney@gmail.com.

WB11	Christian Tarsney	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

PSYC Psychology Winter 2014

PSYC111 **The Psychology of Unethical Conduct**

PSYC111 The Psychology of Unethical Conduct; (1 credit) Grade Method: REG. *Additional information: Online and self-paced course open to all majors.* An exploration of the University of Maryland's 10 Principles of Ethical and Responsible Conduct (http://www.responsibleconduct.umd.edu) and the reasons why unethical conduct might occur. Covers a broad range of psychological theories and research with the focus on applying the science for a more ethical life, campus and community. Click here for more course information.

WB11	Scott Roberts	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

PSYC200 **Statistical Methods in Psychology**

PSYC200 Statistical Methods in Psychology; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning.
Prerequisite: PSYC100; and 1 course with a minimum grade of C- from (MATH220, STAT100, MATH111, MATH130, MATH140). Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201. A basic introduction to quantitative methods used in psychological research.

WB11	Tracy Tomlinson	Seats (Total: 48)
	Class time/details on ELMs	ONLINE

PSYC289E **Psychology of Evil**

PSYC289E Psychology of Evil; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Scholarship in Practice; Signature Courses - I-Series.
Why is there evil in the world? Are some born evil, or do social, environmental and cultural forces create evil? What makes otherwise good people do evil things? The scientific study of evil epitomizes the fundamental challenge that psychology faces in dissecting the role of biology (nature) and the social context (nurture). Click here for more course information.

0101	Scott Roberts	Seats (Total: 40)
	MTuWThF 1:00pm - 4:00pm	BPS 1238

PSYC301 **Biological Basis of Behavior**

PSYC301 Biological Basis of Behavior; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: PSYC100 and BSCI105.* An introduction to the anatomical structures and physiological processes that determine behavior. After a study of the basic functioning of the nervous system, the course will examine the acquisition and processing of sensory information, the neural control of movement, and the biological bases of complex behaviors such as sleep, learning, memory, sex, language, and addiction.

0101	Frank Hall	Seats (Total: 25)
	MTuWTh 5:00pm - 8:30pm	BPS 1238

PSYC334 **Psychology of Interpersonal Relationships**

PSYC334 Psychology of Interpersonal Relationships; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Research, theory and their practical applications pertaining to the development, maintenance and dissolution of human relationships. Processes critical to successful relating (e.g., communication, bargaining, conflict resolution), and issues associated with troubled dyadic relations with equal partners (e.g., jealousy, spouse abuse, divorce).

WB11	Dylan Selterman	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

PSYC432 **Counseling Psychology: Theories, Research, and Practice**

PSYC432 Counseling Psychology: Theories, Research, and Practice; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC200. Analysis of research and intervention strategies developed and used by counseling psychologists. Historical and current trends in content and methodology.

0101	Kevin McGann	Seats (Total: 30)
	MTuWThF 12:00pm - 3:00pm	BPS 1232

PSYC437 **The Assessment and Treatment of Addictive Behaviors**

PSYC437 The Assessment and Treatment of Addictive Behaviors; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100; and 9 credits in PSYC courses. Credit only granted for: PSYC309E (taken in the Winter Term) or PSCY437. Formerly: PSYC309E. Explores the current research in assessment and treatment of addictive behaviors. Topics may include addictions in the areas of alcohol, drugs, nicotine, gambling, and eating.

0101	Laura MacPherson, Carl Lejuez	Seats (Total: 25)
	MTuWTh 1:00pm - 4:20pm	BPS 1124

PSYC478 **Independent Study in Psychology**

PSYC478 *(PermReq)* **Independent Study in Psychology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC479 **Special Research Problems in Psychology**

PSYC479 Special Research Problems in Psychology; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC489J **Advanced Special Topics in Psychology; Advanced Statistics in Psychology**

PSYC489J Advanced Special Topics in Psychology: Advanced Statistics in Psychology; (3 credits) Grade Method: REG/P-F/AUD.

0101	Jeffrey Chrabaszcz	Seats (Total: 20)
	MTuWThF 9:30am - 12:30pm	BPS 1238

PSYC603 **Introduction to Industrial and Organizational Psychology**

PSYC603 Introduction to Industrial and Organizational Psychology; (3 credits) Grade Method: REG/AUD.
Credit only granted for: PSYC603 or PSYC730. Formerly: PSYC730. Advanced survey of industrial-organizational psychology, including selection, training, motivation, group processes, leadership, organizational psychology, and organizational theory. Readings stressed and seminar time will be used for lectures, discussion and integration of the reading materials.

PCL1	Paul Hanges	Seats (Total: 20)
	MTuTh 12:00pm - 5:00pm	BPS 1147
	Restricted to students in the LEAD Program.	

PSYC624 **Adult Psychopathology**

PSYC624 Adult Psychopathology; (3 credits) Grade Method: REG.
Restriction: Permission of instructor; and must be in one of the following programs (Psychology (Master's); Psychology (Doctoral)). Credit only granted for: PSYC624 or PSYC719. Formerly: PSYC719. Examines the scientific and clinical literature relevant to normal and pathological behavior in adults and associated nosological systems for categorizing psychopathology. Issues relevant to etiology, differential diagnosis, and treatment planning are also considered.

PLC1	Aditi Vijay	Seats (Total: 30)
	Meets December 2, 2013 - February 21, 2014	
	Tu 6:00pm - 9:00pm	ONLINE
	Restricted to students in the Clinical Psychological Science Program.	

PSYC625 **Clinical Assessment: Psychometric Principles, Testing and Behavior**

PSYC625 Clinical Assessment: Psychometric Principles, Testing and Behavior; (3 credits) Grade Method: REG/AUD.
Restriction: Permission of BSOS-Psychology department. Credit only granted for: PSYC625 or PSYC721. Formerly: PSYC721. An examination of fundamental principles of psychological assessment; application of these principles to the development of evidence-based assessments of clinical conditions and associated behaviors; and application of evidence-based assessments to the evaluation and understanding of clinical conditions evaluated and treated in therapeutic settings.

PLC1	Julia Felton **Meets December 2, 2013 - February 21, 2014** Th 5:30pm - 7:30pm *Restricted to students in the Clinical Psychological Science Program.*	Seats (Total: 15) ONLINE
PLC2	Julia Felton **Meets December 2, 2013 - February 21, 2014** Th 7:30pm - 9:30pm *Restricted to students in the Clinical Psychological Science Program.*	Seats (Total: 15) ONLINE

PSYC638 **Externship in Professional Psychology**

PSYC638 Externship in Professional Psychology; (1-3 credits) Grade Method: S-F.

0101	Karen O'Brien Contact instructor or department for details.	Seats (Total: 10)

PSYC664 **Understanding Trauma and Recovery II**

PSYC664 Understanding Trauma and Recovery II; (3 credits) Grade Method: REG/AUD.
Prerequisite: PSYC662. Restriction: Must be in the Graduate Certificate of Professional Studies in Treating Survivors of Violence, Torture, and Trauma: Theoretical Foundations and Mental Health; or permission of instructor. This is the second in a series of two courses designed to provide students with an understanding of psychological trauma and treatment of trauma survivors. Current approaches to understanding and treating trauma survivors from psychological, developmental, neurobiological, cognitive, and ecological perspectives will be presented.

PLV1	Beth Richie **Meets December 2, 2013 - February 21, 2014** Class time/details on ELMs *Restricted to students in the VTT Program.*	Seats (Total: 20) ONLINE

PSYC799 **Master's Thesis Research**

PSYC799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF Public Policy Winter 2014

PUAF359T **Contemporary Issues in Political Leadership and Participation; Public Leadership in Non-U.S. Cultures**

Contact department for information to register for this course.

PUAF388J **Special Topics in Public Policy; Engaging and Exploring the Complexities of Global Philanthropy and Nonprofit Leadership_ Israel and Jordan**

Contact department for information to register for this course.

PUAF688I **Topics in Public Policy; Engaging and Exploring the Complexities of Global Philanthropy and Nonprofit Leadership**

Contact department for information to register for this course.

PUAF688J **Topics in Public Policy; Engaging and Exploring the Complexities of Global Philanthropy and Nonprofit Leadership_ Israel and Jordan**

Contact department for information to register for this course.

PUAF688L **Topics in Public Policy; International Development Monitoring & Evaluation**

PUAF688L Topics in Public Policy: International Development Monitoring & Evaluation; (3 credits) Grade Method: REG/AUD.
Must be in a major in PUAF-School of Public Policy; or permission of instructor.
Course meets in the following dates: January 2, 3, 6, 8, 10, 13, 15, 17 , 21 and 22.

0101	Instructor: TBA	Seats (Total: 20)
	MTuWF 9:00am - 1:00pm	VMH 1207

PUAF689I **Public Policy Topics; Social-Ecological Systems, Environmental Policy, and Sustainable Development in Indonesia**

Contact department for information to register for this course.

PUAF752 **Managing Differences:Resolving Conflict and Negotiating Agreements**

PUAF752 Managing Differences:Resolving Conflict and Negotiating Agreements; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in a major in PUAF-School of Public Policy; or permission of PUAF-School of Public Policy. Enhances the student's negotiation and leadership skills for managing differences between individuals and groups. Students study the nature of conflict, learn how to handle two and multiparty conflicts, exerting leadership where there are no hierarchy leaders, and explore the impact of facilitators and mediators on the negotiating process. Blends skill building exercises and theory discussions about the behavior of groups and individuals in groups to understand negotiation dynamics.

0101	Charles Field	Seats (Total: 20)
	Meets January 3, 2014 - January 21, 2014	
	TBA	VMH 1107
	Meets from 9:00am-6:00 pm on January 3, 6, 9, 16, and 21.	

PUAF798A **Readings in Public Policy**

PUAF798A Readings in Public Policy; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF798T **Readings in Public Policy; Public Leadership in Non-U.S. Cultures**
Contact department for information to register for this course.

PUAF898 **Pre-Candidacy Research**

PUAF898 Pre-Candidacy Research; (1-6 credits) Grade Method: REG/S-F.

0131	Nathan Hultman	Seats (Total: 5)
	Contact instructor or department for details.	

PUAF899 **Doctoral Dissertation Research**

PUAF899 Doctoral Dissertation Research; (1-6 credits) Grade Method: REG.

0131	Nathan Hultman	Seats (Total: 5)
	Contact instructor or department for details.	

RDEV Real Estate Development Winter 2014

RDEV688E **Selected Topics in Real Estate Development; Resolving Conflict and Negotiating Agreements**

RDEV688E *(PermReq)* **Selected Topics in Real Estate Development: Resolving Conflict and Negotiating Agreements; (3 credits)** Grade Method: REG/AUD.

0101	Ronald McDonald	Seats (Total: 30)
	MWF 6:30pm - 10:00pm	ARC 1105
	Su 12:00pm - 6:00pm	ARC 1105
	The meetings on Monday, Wednesday, and Friday begin meeting on Wednesday, January 2nd. The meetings on Sunday meet on January 6th and 13th. The meeting on Saturday only meets on January 19th.	

RDEV689L **Current Topics in Real Estate Development; Risk Management for Real Estate Developers**

RDEV689L *(PermReq)* **Current Topics in Real Estate Development: Risk Management for Real Estate Developers; (3 credits)** Grade Method: REG/AUD.

0101	Robert Wertheimer	Seats (Total: 15)
	Meets January 2, 2014 - January 25, 2014	
	MWTh 6:30pm - 9:30pm	ARC 1103
	Sa 1:00pm - 5:00pm	ARC 1103

RUSS Russian Winter 2014

RUSS386 **Experiential Learning**

RUSS386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F.
Restriction: Junior standing or higher; and permission of ARHU-School of Languages, Literatures, and Cultures department.

0101	Cynthia Martin	Seats (Total: 1)
	Contact instructor or department for details.	

SLLC School of Languages, Literatures and Cultures Winter 2014

SLLC368W **Special Topics in Film Studies I; Cinematic Treasures of Maryland and Washington, D.C.**

SLLC368W Special Topics in Film Studies I: Cinematic Treasures of Maryland and Washington, D.C.; (3 credits) Grade Method: REG/P-F/AUD.
Online component with site visits to cultural heritage institutions in the Maryland and D.C. area. For more information, contact the instructor, Brian Real at breal@umd.edu. Click here for more course information.

HY11	Brian Real	Seats (Total: 15)
	Class time/details on ELMs	ONLINE
	Off-site class meetings.	

SOCY Sociology Winter 2014

SOCY230 **Sociological Social Psychology**

SOCY230 Sociological Social Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Theoretical perspectives and their applications. Socialization through the life course, the self-concept, attitudes, emotion, attribution, interpersonal relations, group processes, deviance, and social change.

WB11	Amy Baxter	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

SOCY424 **Sociology of Race Relations**

SOCY424 Sociology of Race Relations; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department. Also offered as: AAST424. Credit only granted for: AAST424 or SOCY424.* Analysis of race-related issues, with a primary focus on American society. The historical emergence, development, and institutionalization of racism; the impact of racism on its victims; and racially based conflict.

0101	Kris Marsh	Seats (Total: 30)
	MTuWThF 12:30pm - 3:30pm	ASY 3207

SOCY431 **Principles of Organizations**

SOCY431 Principles of Organizations; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department.* Structural and processual characteristics of organizations that make them effective for different purposes and in different environments. Effects of different institutional environments, small group processes, organizational networks, and leadership. Types of organizations studied include formal bureaucracies, professional organizations, and voluntary associations.

0101	Kurt Finsterbusch	Seats (Total: 40)
	MTuWThF 12:00pm - 3:00pm	ASY 3203

SOCY441 **Social Stratification and Inequality**

SOCY441 Social Stratification and Inequality; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department. Restriction: Junior standing or higher. The sociological study of social class, status, and power. Topics include theories of stratification, correlates of social position, functions and dysfunctions of social inequality, status inconsistency, and social mobility.

WB11	John Pease	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

SOCY467 **Sociology of Education**

SOCY467 Sociology of Education; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department. Sociological analysis of educational institutions and their relation to society: goals and functions, the mechanisms of social control, and the impacts of stratification and social change. Study of the school as a formal organization, and the roles and subcultures of teachers and students.

0101	Linda Moghadam	Seats (Total: 30)
	MTuWThF 9:00am - 12:00pm	ASY 3207

SOCY498C **Selected Topics in Sociology; Exploring Brazil through Work, Culture and Race**
Contact department for information to register for this course.

SOCY699I **Special Social Problems; Statistical Techniques**

SOCY699I Special Social Problems: Statistical Techniques; (3 credits) Grade Method: REG/AUD.

0101	Alan Neustadtl MTuWTh 9:30am - 1:30pm	Seats (Total: 20) ASY 3211

SPAN Spanish Winter 2014

SPAN103 **Intensive Elementary Spanish**

SPAN103 Intensive Elementary Spanish; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Spanish. Credit only granted for: SPAN102 or SPAN103.* Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0102	D'Juan Lyons MTuWThF 1:00pm - 4:30pm	Seats (Total: 25) JMZ 2123

SPAN169X **Special Topics in Study Abroad I; Elementary Spanish I**
Contact department for information to register for this course.

SPAN203 **Intensive Intermediate Spanish**

SPAN203 Intensive Intermediate Spanish; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: SPAN103; or must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Spanish. Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Carla Onate MTuWThF 9:00am - 12:30pm	Seats (Total: 25) JMZ 2123
0102	Fabian Faccio MTuWThF 1:00pm - 4:30pm	Seats (Total: 25) JMZ 2206

SPAN204 **Spanish Grammar Review**
Contact department for information to register for this course.

SPAN225	**Cultures of the Contact Zones - Seville, Al-Andalus and the Atlantic World** **Contact department for information to register for this course.**
SPAN269I	**Special Topics in Study Abroad II; Intermediate Spanish I** **Contact department for information to register for this course.**
SPAN301	**Advanced Grammar and Composition I** **Contact department for information to register for this course.**
SPAN302	**Advanced Grammar and Composition II** **Contact department for information to register for this course.**
SPAN303	**Approaches to Cultural Materials in the Hispanic World** **SPAN303 Approaches to Cultural Materials in the Hispanic World; (3 credits)** Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Humanities. *Prerequisite: SPAN207; or permission of instructor.* Development of proficiency in critical thought through the reading, viewing, and analytical discussion of major genres and styles of cultural materials selected from Spanish-speaking world. Taught in Spanish.

0101	Douglas Glynn	Seats (Total: 25)
	MTuWTh 1:00pm - 4:30pm	JMZ 3120

SPAN369O	**Special Topics in Study Abroad III; Spanish Conversation & Oral Skills** **Contact department for information to register for this course.**
SPAN369W	**Special Topics in Study Abroad III; Spanish Stylistics: Advanced Spanish Writing and Stylistics** **Contact department for information to register for this course.**
SPAN399C	**Independent Study in Spanish; Spanish Culture in the Convivencia Period** **Contact department for information to register for this course.**
SPAN401	**Advanced Composition I** **Contact department for information to register for this course.**
SPAN402	**Advanced Composition II**

Contact department for information to register for this course.

SPHL Public Health Winter 2014

SPHL620 **Global Health Communication and Promotion**

SPHL620 Global Health Communication and Promotion; (3 credits) Grade Method: REG/AUD.
Recommended: SPHL600. Credit only granted for: SPHL620 or SPHL698C. Formerly: SPHL698C. Explores the critical components in developing, implementing and evaluating health/population promotion and communication interventions. Emphasis is on theory application to a variety of cultural settings. Formative and quantitative research methods will be utilized.

PSG1	Muhiuddin Haider	Seats (Total: 20)	
	MTuWTh 5:00pm - 8:30pm	Location: TBA	
	Restricted to students in the Global Health Certificate. Meets at Univeristies of Shady Grove.		

THET Theatre Winter 2014

THET399E **Independent Study; Stage Combat: Unarmed**

THET399E Independent Study: Stage Combat: Unarmed; (3 credits) Grade Method: REG/P-F/AUD.

0101	Matthew Wilson	Seats (Total: 12)	
	MTuWThF 1:00pm - 4:00pm	PAC 2740	

THET399F **Independent Study; THE BACKDOOR TO HOLLYWOOD: MAKING YOUR FIRST GENRE MOVIE**

THET399F Independent Study: THE BACKDOOR TO HOLLYWOOD: MAKING YOUR FIRST GENRE MOVIE; (3 credits) Grade Method: REG/P-F/AUD.

0101	Adam Nixon	Seats (Total: 12)	
	MTuWThF 3:00pm - 6:00pm	PAC 1815	Lab

THET669 **Independent Study; Independent Study**

THET669 *(PermReq)* **Independent Study: Independent Study; (1-3 credits)** Grade Method: REG/AUD.

0102	Faedra Carpenter	Seats (Total: 5)
	Contact instructor or department for details.	

URSP Urban Studies and Planning — Winter 2014

URSP688K **Recent Developments in Urban Studies; Urban Design Software**

URSP688K Recent Developments in Urban Studies: Urban Design Software; (3 credits) Grade Method: REG/AUD.

0101	Jonathan Healey	Seats (Total: 20)
	MTuWTh 7:00pm - 10:00pm	ARC 0111

URSP788 **Independent Study in Urban Studies and Planning**

URSP788 Independent Study in Urban Studies and Planning; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

USLT Latina/o Studies — Winter 2014

USLT498L **US Latina/o Studies: Special Topics; From Ricky Ricardo to Jennifer Lopez: Exploring Latina/o Gender & Sexuality in Popular Culture**

USLT498L US Latina/o Studies: Special Topics: From Ricky Ricardo to Jennifer Lopez: Exploring Latina/o Gender & Sexuality in Popular Culture; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as AMST328R

WB11	Cristina Perez	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

WINT Winterterm Workshops — Winter 2014

WINT002 **Multi-Track Diplomacy and Conflict Transformation**

WINT002 Multi-Track Diplomacy and Conflict Transformation; (No CEU'S) Grade Method: NGI.
Meets Friday, 1/18/13 from 6pm-9:00pm. ("snow day" makeups: Jan. 19-20 if needed). WINT003 is strongly recommended as a concurrent class. Click here for more course information.

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102

WINT003 **Workshop In Multi-Track Diplomacy**

WINT003 Workshop In Multi-Track Diplomacy; (No CEU'S) Grade Method: NGI.
Two consecutive weekend workshops: Friday evenings 6-9pm, Saturday and Sundays 9am-1pm and 2-6pm, January 4-6 and 11-13 ("snow day" makeups: January 19-20 if needed). WINT002 is strongly recommended as a concurrent class. Click here for more course information.

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101

WINT012 **Winterterm Study Skills Program**

WINT012 Winterterm Study Skills Program; (No CEU'S) Grade Method: NGI.
Designed to help students "bounce back" from academic difficulties. Recommended for those on probation or facing dismissal. Students identify the causes of poor academic performance and develop strategies to be successful. Class meets for one week: Jan 6-10. Also offered as EDCP108B. For more information, click here.

0101	Beverly Greenfeig	Seats (Total: 50)
	Meets January 6, 2014 - January 10, 2014	
	MTuWThF 9:30am - 12:30pm	SHM 2102

WMST Women's Studies Winter 2014

WMST250 **Introduction to Women's Studies: Women, Art and Culture**

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
An examination of women's creative powers as expressed in selected examples of music, film, art, drama, poetry, fiction, and other literature. Explores women's creativity in relation to families, religion, education, ethnicity, class, sexuality, and within a cultural tradition shaped by women.

WB11	Kimberlee Staking	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

WMST326 **Biology of Reproduction**

WMST326 Biology of Reproduction; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI105; or permission of ARHU-Women's Studies department. Also offered as: BSCI342. Credit only granted for: BSCI342 or WMST326.* The biology of the reproductive system with emphasis on mammals and, in particular, on human reproduction. Hormone actions, sperm production, ovulation, sexual differentiation, sexual behavior, contraception, pregnancy, lactation, maternal behavior and menopause.

0101	Justicia Opoku-Edusei	Seats (Total: 75)
	MTuWThF 10:00am - 1:00pm	BPS 1243

WMST469T **Study Abroad Special Topics IV; Gender, Sexuality and Globalization: Transnational Feminisms and the Anglophone Caribbean**
Contact department for information to register for this course.

WMST498M **Advanced Special Topics in Women's Studies; Women and the Civil Rights Movement**

WMST498M Advanced Special Topics in Women's Studies: Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as AASP498I and HIST360. Credit will be granted for one of the following: AASP498I, HIST360 or WMST498M.

WB11	Elsa Barkley Brown	Seats (Total: 40)
	Class time/details on ELMs	ONLINE